

State of Utah Division of Oil, Gas & Mining (OGM)

ON-SITE PREDRILL EVALUATION AND REVIEW FOR APPLICATION FOR PERMIT TO DRILL (APD)

	RATOR:	Gunnly						
	nnzoil - Utah Crude Ç	MI Suppry	LEASE NO:					
	L NO:		Fee					
Ri	ch 2-13B1							
API	No:		LEASE TYPE:	ı 🗆				
43	- 047 - 32744		State	Fee X				
PRC	POSED LOCATION							
	1/4/4:	SECTION:	TOWNSHIP:	RANGE:				
	NW NW	13	2 S	1 W				
	COUNTY:		FIELD:					
	Uintah		Bluebell					
	SURFACE:							
	738 FNL 1063	FWL						
	BOTTOM HOLE:							
	Same as above							
	GPS COORDINATES:							
	<u>12589240E</u> E	4463004 N						
SUI	RFACE OWNER:							
Fe	e Deareld D. and Vala	arie M. Rich						
sui	RFACE AGREEMENT: Yes	No X	CONFIDENTIAL:	Yes X No				
LO	CATING AND SITING:							
	UAC R649-2-3.	Unit						
	UAC R649-3-2.	General	•					
	UAC R649-3-3.			17 Aw 1985				
		Drilling Unit	Cause No.	139-42 12-Apr-1987				
1	A JUCA 40-0-0.	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~						

DRILLING PROGRAM:

The following information is included in the Application for Permit to Drill submitted.

- Surface Formation and Estimated Tops/Geologic Markers
- 2. Estimated Depths and Names of Anticipated Water, Oil, Gas or other Mineral Bearing Formations

(All fresh water sands encountered during drilling shall be recorded and reported to the Division on Form 7.)

- 3. Well Control Equipment & Testing Procedures
- 4. Proposed Casing and Cementing Program
- 5. Mud Program, Circulating Medium, and Monitoring equipment
- 6. Coring, Testing, and Logging Program
- 7. Expected Bottom Hole Pressures and any anticipated Abnormal Pressures, Temperatures or Potential Hazards such as hydrogen sulfide, expectations and contingency plans for mitigating identified hazards
- 8. Any other information relative to the proposed operation.

Onsite Participants:

David W. Hackford (DOGM) and John Pulley (Pennzoil)

Regional Setting/Topography:

Sight is in an area of rolling hills 5' to 20' high with the area gradually sloping to the southwest.

SURFACE USE PLAN:

Current Surface Use: Minimal livestock grazing, farm equipment storage and honey bee hives. Area is surrounded by irrigated farm land.

Proposed Surface Disturbance: Location will be 380' by 375'

- 1. Existing Roads <u>US Highway 40 is 3/4 miles south of site. A paved county road running north of Ballard, Utah is approximately 700' west of site.</u>
- Planned Access Roads include length of new road, length of existing road to be upgraded, maximum disturbed and travel surface widths, maximum grades, turnouts, surface materials, drainage, cattle guards An access road of approximately 700' will be constructed from material in place and graveled for production.
- 3. Location of existing wells within one-mile radius of proposed location, include water, injection, producing, drilling with present status of each well See attached map from GIS database.
- 4. Location of Production Facilities and Pipelines All production equipment will be on existing drilling pad. Gas and water disposal pipelines will run due east for approximately 1800' to tie into existing lines.
- 5. Location and Type of Water Supply (include Division of Water Rights approval or identifying number) Fresh water will be purchased from the town of Ballard and delivered to location by pipeline.
- 6. Source of Construction Material All construction material will come from the site. Gravel will be purchased from a commercial supply if needed.
- 7. Waste Management Plan Drilled cuttings will be settled into reserve pit.

 Liquids from pit will be hauled to an approved disposal site. Produced fluids during testing will be caught and stored in steel tanks and disposed of in a proper manner. Sewage facilities, storage and disposal will be handled by a commercial contractor. Trash will be contained in trash baskets and hauled to an approved land fill.

8. Ancillary Facilities None will be required.
o. Antiliary racificates None with No Longuette
9. Well Site Layout <u>See attached plat.</u>
10. Surface Restoration Plans As per landowner agreement.
ENVIRONMENTAL PARAMETERS:
Affected Floodplain and/or Wetlands:
ATTOCKE TOOKETER HELVE WELLEN
A 404 dredge and fill permit may be required if this site is in or adjacent to a
wetland or other established drainage or floodplain. (Contact the Army Corps of
Engineers if there are concerns of this nature) No
Flora/Fauna:
Briefly describe the flora found on the proposed site and the fauna evidenced or
sighted on or near the proposed location <u>Sage, greasewood, cheatgrass, prickley</u>
pear. Rabbit, small birds, rodents.
SURFACE GEOLOGY:
Soil Type and Characteristics: <u>Light red sandy clay.</u>
Durhogno Bivor formation
Surface Formation & Characteristics: <u>Duchesne River formation.</u>
Erosion/Sedimentation/Stability: Minor erosion, minor sedimentation, no stability
problems anticipated.
problems anticipated.
Paleontological Potential Observed: None observed.
Pareontological Fotencial Observanta
RESERVE PIT
RESERVE 111
Characteristics: 180' by 160' and 8' deep.
VIII. 10 000 = 0 0 = 0 0 1
Lining (Site ranking form attached): A 12 mil plastic liner will be required.
OTHER OBSERVATIONS
Cultural Resources/Archaeology (if proposed location is on State land, has an
archaeology clearance been obtained?): NA
Comments: Pennzoil personnel will meet with Ballard City officials Thursday to
obtain a special use permit and attempt to get a variance for noise restrictions.
Site is within Ballard city limits.
8:00AM 4/16/96

OGM Representative

Date and Time

STATEMENTS OF BASIS OGM Review of Application for Permit to Drill (APD)

Company: Pennzoil Company	Well Name: Rich 2-13B1
GEOLOGY/GROUND WATER:	
The base of moderately saline water is at	a depth of approximately 800 feet in the
area of the proposed well. High quality gr	ound water may be found in the near
surface alluvium and down through the Duch	esne River formation to a depth of 800
feet. The proposed casing and cement progr	am will adequately protect any water
	•
encountered.	
Signature: D. Jarvis	Date: 04/29/96
SURFACE:	
The pre-site of the surface has been perf	formed by field personnel. Land owners
were notified by John Pulley with Pennzoil,	but did not attend pre-site.
WCLC 110022101	
Signature: David W. Hackford	Date: 4/16/96
STIPULATIONS for APD Approval:	
1. A 12 mil plastic reserve pit liner will	be necessary.
2. A landowner agreement will be required by	pefore dirt work commences.
3.	
4.	
ATTACHMENTS:	
1. Photos of site will be placed on file	e

Evaluation Ranking Criteria and Ranking Score For Reserve and Onsite Pit Liner Requirements

Site-Specific Factors	Ranking Score	Final Ranking Score
		5
Distance to Groundwater		
(feet)		
>200	0	
100 to 200	5	
75 to 100	10	
25 to 75	15	
<25 or recharge area	20	
Distance to Surf. Water		0
(feet)		
>1000	0	
300 to 1000	2	
200 to 300	10	
100 to 200	15	
< 100	20	
Distance to Nearest		0
Municipal Well (feet)		
>5280	 0	
1320 to 5280	5	
500 to 1320	10	
<500	20	
		10
Distance to		
Other Wells (feet)	0	
>1320	10	[
300 to 1320	20	
<300	20	
Native Soil Type		20
Low permeability	0	
Mod. permeability	10	
High permeability	20	
-		

		——————————————————————————————————————
Fluid Type		5
Air/mist	o	
Fresh Water	5	
TDS >5000 and <10000	10	
TDS >10000 or	15	
Oil Base Mud		
Fluid containing		
significant levels of	20	
hazardous constituents		
nazardous constituents		
Drill Cuttings		0
Normal Rock	o	
Salt or detrimental	10	
Annual Precipitation (inches)		0
<10		
10 to 20	0	
>20	5	
,	10	
Affected Populations		6
<10	0	
10 to 30	6	
30 to 50	8	
>50	10	
Presence of Nearby		0
Utility Conduits		
Not Present	0	
Unknown	10	
Present	15	

Final Score	46

The summation of all of the above ranking scores will yield one value which shall be used to determine the appropriate type of containment, on a case-by-case basis. The sensitivity levels are as follows:

Level I Sensitivity: For scores totaling ≥ 20

Level II Sensitivity: For scores totaling 15 to 19

Level III Sensitivity: For scores totaling <15

Containment Requirements According to Sensitivity Level

Level I: Requires total containment by synthetic liner, concrete structure or other type of total containment structure or material.

Level II: Bentonite or other compatible lining is discretionary depending on the fluid to be contained and environmental sensitivity.

Level III: No specific lining requirements.

OTHER GUIDELINES FOR PITS

- Unlined pits shall not be constructed on areas of fill materials.
- A pit shall not be constructed in a drainages or floodplain of flowing or intermittent streams.
- 3. Synthetic liners used for lining reserve pits, shall be of 12 mil thickness or greater and shall be compatible with the fluid to be contained. Synthetic liners used for lining onsite pits with a longer expected life shall be a minimum of 30 mil thickness or as approved by the Division.
- 4. Synthetic liners shall be installed over smooth fill material which is free of pockets, loose rocks or other materials which could damage the liner.
- 5. Monitoring systems for pits or closed mud systems may be required for drilling in sensitive areas.



March 15, 1996

State of Utah, Department of Natural Resources Division of Oil, Gas, & Mining 355 West North Temple 3 Triad Center, Suite 350 Salt Lake City, Utah 84180-1203

RE:

Application for Permit to Drill

Rich 2-13B1

738' FNL & 1063 FWL

NW 1/4 NW 1/4 Section 13 T2S R1W

Uintah County, Utah

Gentleman:

Enclosed are the original and two copies of the APD for the subject well for your review and approval.

Pennzoil Company requests that this APD and all related information submitted for this well be held confidential for that period of time permitted by regulation and law.

Please call the Pennzoil office in Roosevelt, Utah at 801-722-6206 if you have any questions or need additional information.

Sincerely,

Pennzoil Company

John Pulley

Petroleum Engineer

If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths.

Give blowout preventer program, if arity.

24

SIGNED
Office Phone (901),8 722-6206

(This space for Federal or State office use)

PERMIT NO. 43-047-32744

APPROVED BY
CONDITION OF APPROVAL, IF ANY

APPROVAL, IF ANY

TITLE PETROLEUM ENGINEER
DATE 14-Mar-96

Home Phone (801),7 781-0683

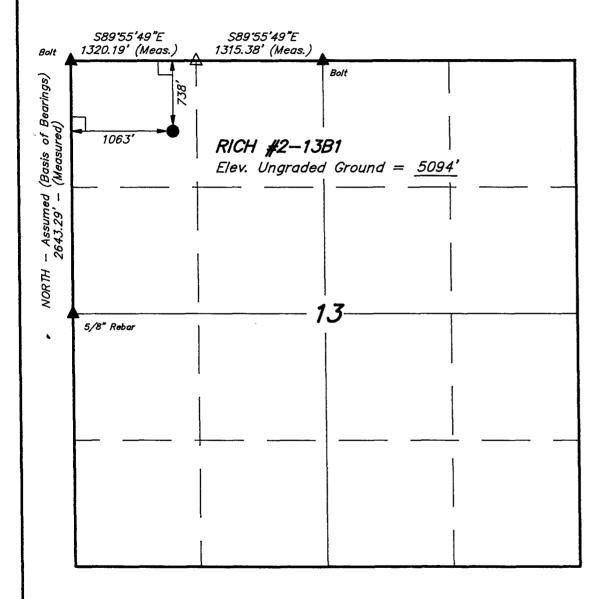
APPROVAL DATE

TITLE PETROLEUM ENGINEER
DATE 14-Mar-96

Home Phone (801),7 781-0683

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone.

T2S, R1W, U.S.B.&M.



▲ = SECTION CORNERS LOCATED.

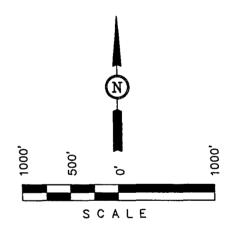
 \triangle = SECTION CORNERS SET. (Spindle)

PENNZOIL EXPLR. & PROD. CO.

Well location, RICH #2-13B1, located as shown in the NW 1/4 NW 1/4 of Section 13, T2S, R1W, U.S.B.&M. Uintah County, Utah.

BASIS OF ELEVATION

SPOT ELEVATION AT THE SOUTHWEST CORNER OF SECTION 12, T2S, R1W, U.S.B.&M. TAKEN FROM THE ROOSEVELT QUADRANGLE, UTAH, 7.5 MINUTE SERIES (TOPOGRAPHIC MAP). PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 5076 FEET.



CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE DRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF

REGISTERED LAND-SURVEYOR REGISTRATION NO 5709 STATE OF UTAH

UINTAH ENGINEERING & LAND SURVEYING 85 SOUTH 200 EAST - VERNAL UTAH 84078 (801) 789-1017

	` '			
SCALE 1" = 1000'		DATE 11-25-91		
PARTY D.A. L.D.T	T.D.H.	REFERENCES G.L.O. PLAT		
WEATHER COOL		PENNZOIL EXPLR. & PROD. CC		

DRILLING PLAN

OPERATOR;

PENNZOIL EXPLORATION & PRODUCTION COMPANY

WELL;

Rich 2-13B1

WELL LOCATION; 738' FNL, 1063 FWL

NW 1/4 NW 1/4 Sec. 13, T2S, R1W

Uintah County, Utah

ESTIMATED TOPS AND IMPORTANT GEOLOGICAL FORMATIONS; 1.

Green River	4455
Green River Trona	6538
Mahogany Bench	7320
TGR 3	8460
CP 70	9290
W090 TU2	9535
Wasatch 200	11000
Total Depth	12000

2. ESTIMATED OIL AND WATER DEPTHS

Water

None anticipated

TU2

Oil

Wasatch

Oil

HOLE SIZE, CASING, AND CEMENT PROGRAM; 3.

- CONDUCTOR HOLE: 0 to 60 ft A.
 - a. Drill a 26" hole to 60'.
 - b. Set 16" conductor pipe.
 - c. Cement with ready mix concrete at 6 bags per yard.
- SURFACE HOLE: 60 to 2300'. B.
 - a. Drill a 12 1/4" hole to 2300'
 - b. Set 9 5/8" 36 # K-55 STC.
 - c. Cement to surface with a lead slurry of a low density filler and tail in with 200 sacks of Class "G".

- C. INTERMEDIATE HOLE: 2300' to 9450'.
 - a. Drill an 8 3/4" hole to 9450'.
 - b. Set 7" 23 # N-80 and S95 LTC.
 - c. Cement to surface with a DVT set at approximately 7200'. First stage to consist of 50/50 Poz "G" with additives tailored for depth and temperature. Second stage to consist of a lead cement from approximately 4155' to surface with a low density filler and tail in with a 50/50 Poz. "G" tailored for depth and temperature.
- D. PRODUCTION HOLE: 9450 to 12000'.
 - a. Drill a 6 1/4" hole to 12000'.
 - b. Hang a 5' 18 # N-80 FL4S liner.
 - c. Cement liner with Class "G" cement tailored for depth and temperature.

4. OPERATORS PRESSURE CONTROL PLAN.

Figure No. 1 is a schematic of minimum BOP equipment. The BOP equipment will be nippled up on the surface casing string and pressure tested prior to drilling.

- a. All rams and choke manifold will be tested to 5000 psi.
- b. Annular preventer will be tested to 50% of its rated working pressure.
- c. The 7" casing string will be tested to 4000 psi or 0.2 psi/ft of depth, whichever is greater.
- d. Record all BOP tests on tour reports.
- e. Retest BOP stack every 28 days.
- f. The fillup line will be above the bag preventer.
- g. The kill line will be located below the double rams.
- h. Pipe rams will be closed and opened once every 24 hours.
- g. Blind rams will be closed and opened each time the drill string is pulled from the wellbore.

5. AUXILIARY WELL CONTROL AND MONITORING EQUIPMENT:

- a. Upper and lower kelly cocks will be used.
- b. A full opening drill pipe stabbing valve will be on the rig floor.
- c. PVT equipment will be used to monitor the mud system when drilling the production hole.

6. PROPOSED DRILLING FLUID PROGRAM:

A. SURFACE HOLE: 60 to 2300'.

- a. Drill from 60 to 300 feet with a 36 viscosity mud system. Then continue drilling with fresh water, circulating the reserve pit using lime and flocculate to keep the fluid clean.
- b. All severe water flows will be controlled using barite and gel.

B. INTERMEDIATE HOLE: 2300' to 9450'

- a. Drill out with fresh water circulating reserve pit using lime and flocculate as needed to keep fluid clean. Barite, polymers, and gel will be used as wellbore dictates due to pressure or hole condition.
- b. Final fluid properties: 9.5 ppg gelled water.

C. PRODUCTION HOLE; 9450 to 12000'.

- a. Drill out with gelled brine mud system cut to 10 ppg and continue until the formation pressure dictates greater than 10 ppg mud weight. At that time convert to a fresh water mud system using barite, polymer, and gel to control the mud properties for well control.
- b. Final fluid properties: 13 to 13.5 ppg, 40 to 45 vis., 8 to 10 WL, and a 20 to 30 YP.

7. WELL BORE EVALUATION:

a. CORING None Anticipated

b. DRILL STEM TESTING None Anticipated

c. LOGS: Production hole Dual Induction Lateral

Gamma Ray

Formation Density

BHC- Sonic Micro SFL

Four Arm Caliper

d. COMPLETION: The objective formation is one of the oil zones in the Wasatch Formation. Selected intervals will be perforated and evaluated for stimulation.

8. PRESSURES AND TEMPERATURES:

- a. No abnormal pressure or temperature have been noticed or reported in wells drilled in this area.
- b. Estimated bottom hole temperature is 235 degrees.
- c. Estimated bottom hole pressure is 8400 psi.

9. ANTICIPATED STARTING DATE:

a. Construction will start May 1, and drilling by May 15th, 1996.

10. OTHER INFORMATION:

- a. Topography: Rolling hills with sandstone knolls.
- b. Soil Characteristics: Bentonitic clays, sand, and silt.
- c. Flora: Sage brush, cacti, and sparse grasses.
- d. Fauna: Domestic: Cattle and horses.
- e. Wildlife: Deer, Rodents, and small reptiles.
- f. Surface Use: Seasonal grazing for horses and cattle.
- g. Surface Owner: Deareld D. and Valarie M. Rich.

11. LEASEE'S OR OPERATOR'S REPRESENTATIVES:

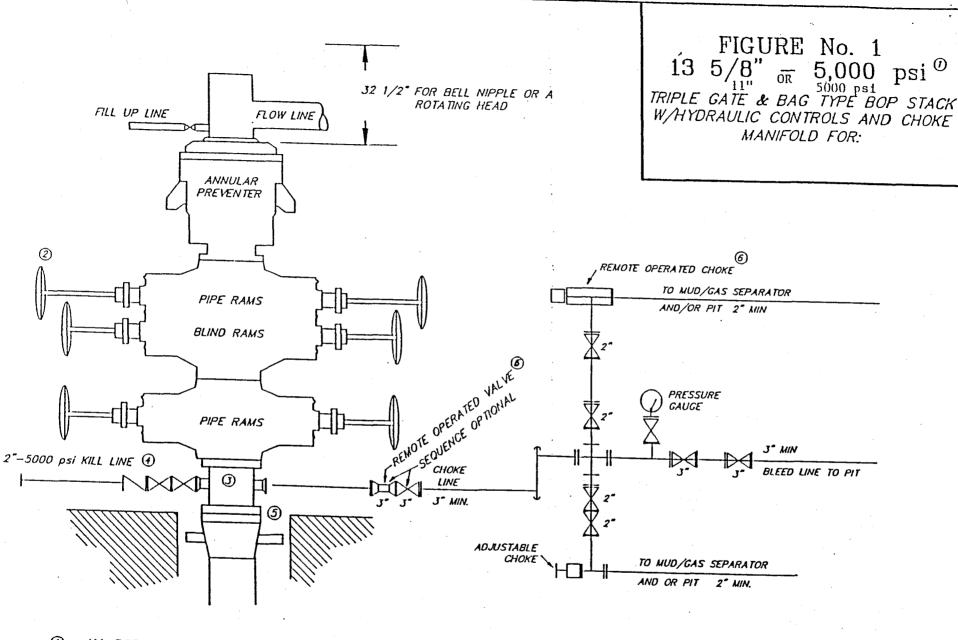
Michael McCown, Manager of Production and Transportation, ERBU Bill Greenlees, Division Engineer.

John Pulley, Area Drilling Engineer.

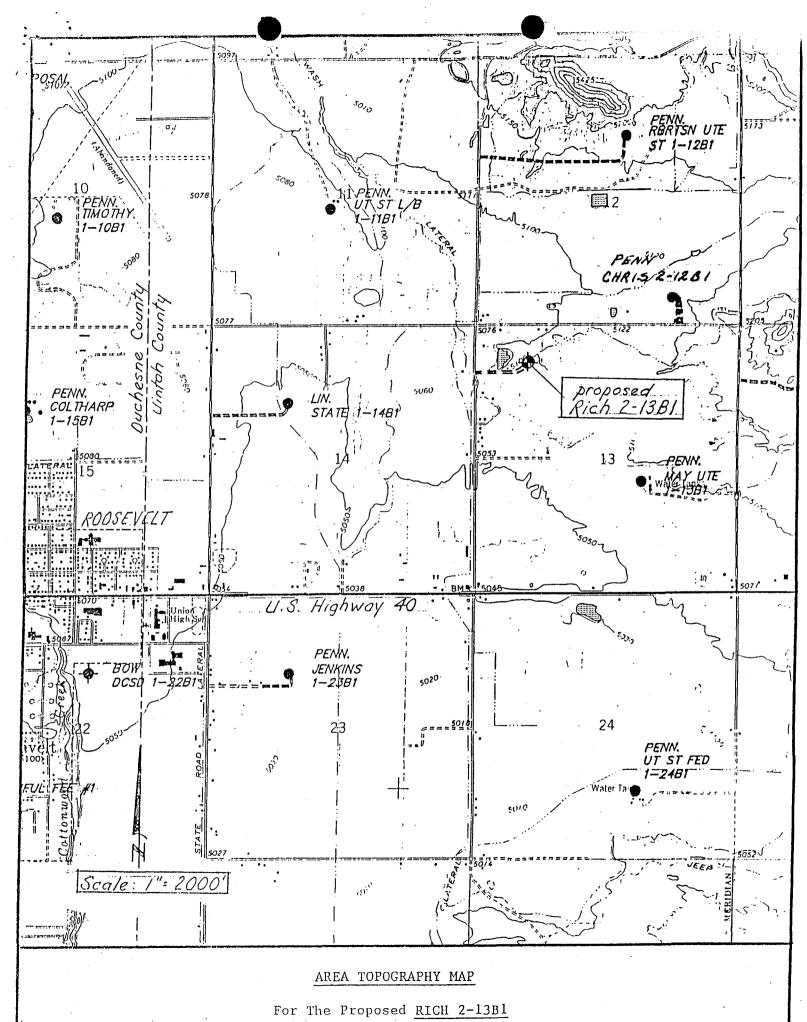
Jess Dullnig, Area Production Engineer.

12. REGULATORY CONTROL:

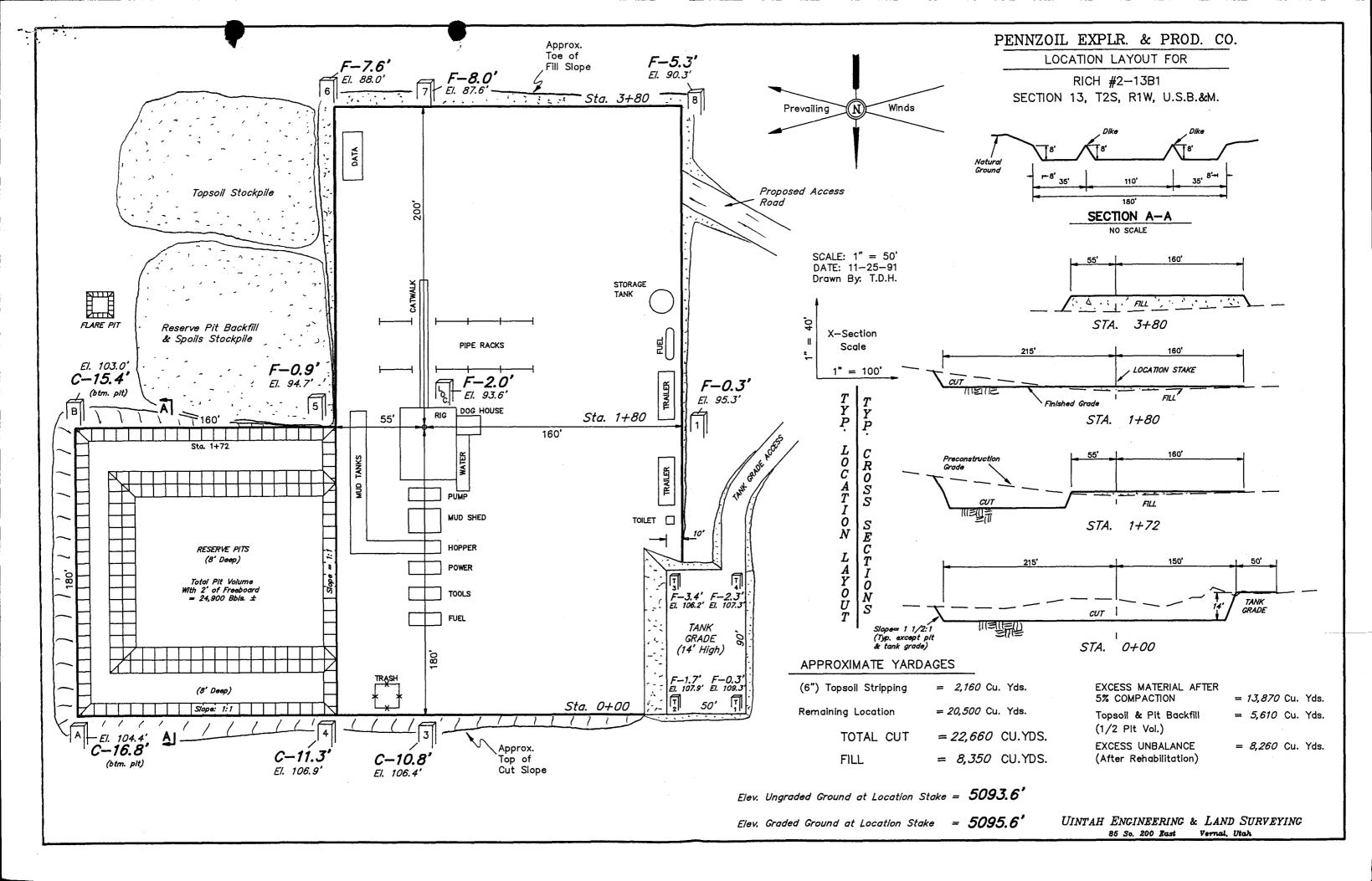
This well will be drilled per regulations as set forth by the Bureau of Land Management and the Utah Division of Oil, Gas, & Mining.



- (1) = ALL BOP CONNECTIONS SUBJECTED TO WELL PRESSURE SHALL BE FLANGED, WELDED OR CLAMPED.
- 2 = HAND WHEELS FOR EACH SET OF RAMS UNLESS EQUIPPED WITH AUTO LOCK.
- 3 = DRILLING SPOOL UNLESS BOTTOM BOP EQUIPPED WITH SIDE OUTLETS.
- ⊕ = KILL LINE W/2-2" VALVES & 1-2" CHECK VALVE WITH KILL LINE TO OUTER EDGE OF THE SUB STRUCTURE.
- 3 = TOP OF CASING HEAD FLANGE WILL BE AT GROUND LEVEL.
- (6) = REMOTE CONTROLS ON RIG FLOOR.



738' FML and 1963' FWL Haskien 13, TRE, RIW, Uinten Gounty, Utah, 18/8/91



PENNZOIL PROPOSED RICH 2-13B1 SEC. 13, T2S, R1W UINTAH COUNTY CAUSE No. 139-42 12-APR-87

GR-WS GR-WS		BLUEBELL	GR-WS	GR-WS	
GR-WS GR-WS GR-WS GR-WS 14 PENNZOIL RICH 2-13B1 GR-WS 18	6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	₫1 GR-WS	12	⁷ GR-WS	
GR-WS GR-WS GR-WS 14 13 GR-WS 18			GR-WS	131-24	
GR-WS	R-WS	-	RICH 2-13B1		
GR-WS SR-WS GR-WS 19			24	ж 7	

PREPARED: DATE: 19-MAR-96

STATE OF UTAH, DIV OF OIL, GAS & MINERALS

Operator: PENNZOIL COMPANY Well Name: RICH 2-13B1 Location: SEC. 13 - T02S - R01W Project ID: 43-047-32744

Design Factors: Design Parameters: : 1.125 Collapse Mud weight (9.50 ppg) : 0.494 psi/ft : 1.00 Burst Shut in surface pressure : 1071 psi : 1.80 (J) Internal gradient (burst): 0.028 8 Round psi/ft **Buttress** : 1.60 (1) Annular gradient (burst) : 0.000 psi/ft : 1.50 (1) Other Tensile load is determined using air weight Body Yield : 1.50 (B) Service rating is "Sweet"

	Length (feet)	Size (in.)	Weight (lb/ft)	Grade	e Joir	nt	Depth (feet)	Drift (in.)	Cost
1	2,300	9.625	36.00	K-55	5 ST&C	<u> </u>	2,300	8.765	
	Load (psi)	Collapse Strgth (psi)	S.F.	Burst Load (psi)	Min Int Strgth (psi)	Yield S.F.	Load	Tension Strgth (kips)	s.F.
1	1135	2020	1.780	1135	3520	3.10	82.80	423	5.11 J

MATTHEWS, Salt Lake City, Utah Prepared by

Date

05-07-1996

Remarks

Minimum segment length for the 2,300 foot well is 1,500 feet.

SICP is based on the ideal gas law, a gas gravity of 0.69, and a mean gas

temperature of 90°F (Surface 74°F , BHT 106°F & temp. gradient 1.400°/100 ft.)

String type: Surface

Next string will set at 2,300 ft. with 9.50 ppg mud (pore pressure of 1,135 psi.) The frac gradient of 1.000 psi/ft at 2,300 feet results in an injection pressure of 2,300 psi Effective BHP (for burst) is 1,135 psi.

The design factors used in this casing string design are as shown above. As a general NOTE: guideline, Lone Star Steel recommends using minimum design factors of 1.125 - collapse (with evacuated casing), 1.0 - (uniaxial) burst, 1.8 - API 8rd tension, 1.6 - buttress tension, 1.5 - body yield tension, and 1.6 - EUE 8rd tension. Collapse strength under axial tension was calculated based on the Westcott, Dunlop and Kemler curve. Engineering responsibility for use of this design will be that of the purchaser. Costs for this design are based on a 1987 pricing model. (Version 1.07)

STATE OF UTAH, DIV OF OIL, GAS & MINERALS

Operator: PENNZOIL COMPANY | Well Name: RICH 2-13B1

Project ID: 43-047-32744 | Location: SEC. 13 - T02S - R01W

Design Parameters:	Design Factors:		
Mud weight (9.50 ppg) : 0.494 psi/ft	Collapse	: 1.125	
Shut in surface pressure : 6203 psi	Burst	: 1.00	
Internal gradient (burst) : 0.158 psi/ft	8 Round	: 1.80	(J)
Annular gradient (burst) : 0.000 psi/ft	Buttress	: 1.60	(J)
Tensile load is determined using air weight	Other	: 1.50	(1)
Service rating is "Sweet"	Body Yield	: 1.50	(B)
*** WARNING *** Design factor for burst exceeded in design!			

	Length (feet)	Size (in.)	Weight (lb/ft)	Grad	e Joir		Depth (feet)	Drift (in.)	Cost
1 2	800 8,650	7.000 7.000	23.00 23.00	N-8 S-9	_	_	800 9,450	6.250 6.250	
	Load (psi)	Collapse Strgth (psi)	S.F.	Burst Load (psi)	Min Int Strgth (psi)	Yield S.F.	Load (kips)	Tension Strgth (kips)	S.F.
1 2	395 4664	3200 5650	8.101 1.211	6330 7700	6340 7530	1.00 0.98	217.35 198.95		2.03 J 2.57 J

Prepared by : MATTHEWS, Salt Lake City, Utah

Date

05-07-1996

Remarks

:

Minimum segment length for the 9,450 foot well is 1,500 feet.

SICP is based on the ideal gas law, a gas gravity of 0.69, and a mean gas

temperature of 90°F (Surface 74°F , BHT 242°F & temp. gradient 1.400°/100 ft.)

String type: Intermediate - Drlg

Next string will set at 12,000 ft. with 13.00 ppg mud (pore pressure of 8,104 psi.) The frac gradient of 1.000 psi/ft at 9,450 feet results in an injection pressure of 9,450 psi Effective BHP (for burst) is 7,700 psi.

NOTE: The design factors used in this casing string design are as shown above. As a general guideline, Lone Star Steel recommends using minimum design factors of 1.125 - collapse (with evacuated casing), 1.0 - (uniaxial) burst, 1.8 - API 8rd tension, 1.6 - buttress tension, 1.5 - body yield tension, and 1.6 - EUE 8rd tension. Collapse strength under axial tension was calculated based on the Westcott, Dunlop and Kemler curve. Engineering responsibility for use of this design will be that of the purchaser.

Costs for this design are based on a 1987 pricing model. (Version 1.07)

STATE OF UTAH, DIV OF OIL, GAS & MINERALS

Operator: PENNZOIL COMPANY | Well Name: RICH 2-13B1

Project ID: 43-047-32744 | Location: SEC. 13 - T02S - R01W

<u>Design Parameters:</u>

Design Factors:

: 1.125 Collapse Mud weight (13.00 ppg) : 0.675 psi/ft : 1.00 Shut in surface pressure : 6203 Burst psi : 1.80 8 Round (J) Internal gradient (burst): 0.158 psi/ft : 1.60 (J) Buttress Annular gradient (burst) : 0.000 psi/ft : 1.50 Other (1) Tensile load is determined using air weight : 1.50 (B) Body Yield Service rating is "Sweet"

*** WARNING *** Design factor for collapse exceeded in design!

	Length (feet)	Size (in.)	Weight (lb/ft)	Grad	e Joi	nt	Depth (feet)	Drift (in.)	Cost
1	2,600	5.000	15.00	N-8	O AB	FL-4S	12,000	4.283	
	Load (psi)	Collapse Strgth (psi)	S.F.	Burst Load (psi)	Min Int Strgth (psi)	Yield S.F.	. Load	Tension Strgth (kips)	S.F.
1	8104	7250	0.895	8104	8290	1.02	39.00	230	5.90 J

Prepared by : MATTHEWS, Salt Lake City, Utah

Date

05-07-1996

Remarks

•

Minimum segment length for the 12,000 foot well is 1,500 feet.

SICP is based on the ideal gas law, a gas gravity of 0.69, and a mean gas

temperature of 90°F (Surface 74°F , BHT 242°F & temp. gradient 1.400°/100 ft.)

The liner string design has a specified top of 9,400 feet.

The burst load shown is the pressure at the bottom of the segment.

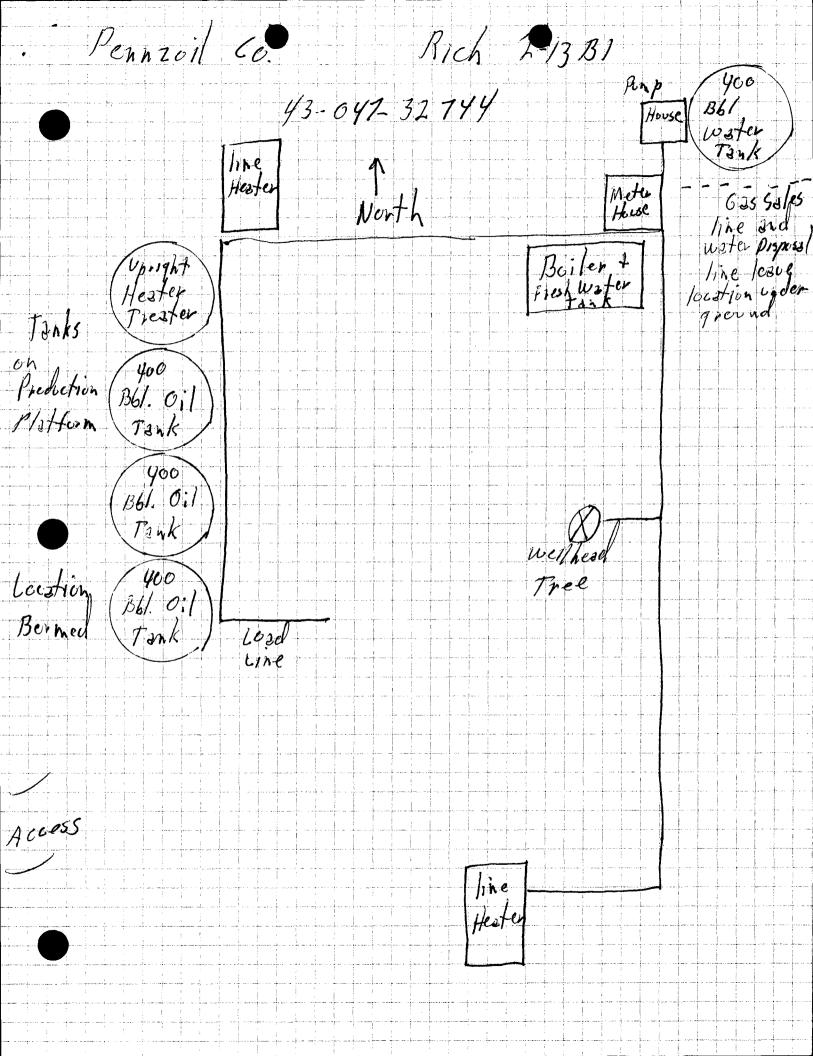
String type: Liner - Production

The mud gradient and bottom hole pressures (for burst) are 0.675 psi/ft and

8,104 psi, respectively.

NOTE:

The design factors used in this casing string design are as shown above. As a general guideline, Lone Star Steel recommends using minimum design factors of 1.125 - collapse (with evacuated casing), 1.0 - (uniaxial) burst, 1.8 - API 8rd tension, 1.6 - buttress tension, 1.5 - body yield tension, and 1.6 - EUE 8rd tension. Collapse strength under axial tension was calculated based on the Westcott, Dunlop and Kemler curve. Engineering responsibility for use of this design will be that of the purchaser. Costs for this design are based on a 1987 pricing model. (Version 1.07)





DIVISION OF OIL, GAS AND MINING

Michael O. Leavitt Governor Ted Stewart Executive Director

355 West North Temple 3 Triad Center, Suite 350 Salt Lake City, Utah 84180-1203 801-538-5340 James W. Carter Division Director 801-359-3940 (Fax) 801-358-5319 (TDD) 801-359-3940 (Fax)

May 7, 1996

Pennzoil Company, Utah Crude Supply P.O. Drawer 10 Roosevelt, Utah 84066

Rich 2-13B1 Well, 738' FNL, 1063' FWL, NW NW, Sec. 13, T. 2 S., R. 1 W., Uintah County, Utah

Gentlemen:

Pursuant to the provisions and requirements of Utah Code Ann. 40-6-1 et seq., Utah Administrative Code R649-3-1 et seq., and the attached Conditions of Approval, approval to drill the referenced well is granted.

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-047-32744.

Sincerely,

Associate Director

lwp

Enclosures

Uintah County Assessor

Bureau of Land Management, Vernal District Office

WAPD



Operator:	Pennzoil Company, Utah Crude Supply
Well Name & Number: _	Rich 2-13B1
API Number:	43-047-32744
Lease:	FEE
Location: NW NW	Sec. 13 T. 2 S. R. 1 W.

Conditions of Approval

1. General

Compliance with the requirements of Utah Admin. R. 649-1 et seq., the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for Permit to Drill.

2. Notification Requirements
Notify the Division within 24 hours following spudding the well or commencing drilling operations. Contact Jimmie Thompson at (801)538-5340.

Notify the Division prior to commencing operations to plug and abandon the well. Contact Frank Matthews or Mike Hebertson at (801)538-5340.

- 3. Reporting Requirements
 All required reports, forms and submittals shall be promptly
 filed with the Division, including but not limited to the
 Entity Action Form (Form 6), Report of Water Encountered
 During Drilling (Form 7), Weekly Progress Reports for
 drilling and completion operations, and Sundry Notices and
 Reports on Wells requesting approval of change of plans or
 other operational actions.
- 4. Mitigation Requirements
 Compliance with the requirements and terms of the Surface
 Use Agreement with the surface owner, Deareld D. and
 Valarie M. Rich. Evidence that such agreement is in place
 should be furnished to the Division prior to commencing site
 construction.

The reserve pit will be lined with an impervious synthetic liner of 12 mil minimum thickness.

`		
	r	

FAX

Date 05/15/96

Number of pages including cover sheet

TO:

Frank Matthews

Division of Oil, Gas &

Mining.

FROM:

John Pulley

Pennzoil Company, Utah

Crude Supply

P.O. Drawer 10

Roosevelt, UT 84066

Phone

801-538-5340

Fax Phone

801-359-3940

Phone

801-722-6206

Fax Phone

801-722-6226

CC:

REMARKS:

Urgent

Reply ASAP

The following is an "Affidavit of Surface Damage Settlement Agreement" for the Rich 2-13Bl well, permit No. 43-047-32744. This in in compliance with paragraph 4 under the Conditions of Approval on the drilling permit. If this is satisfactory, I would like to plan to start dirtwork on Friday 17th.

NEOLA→

STATE OF UTAH)(
COUNTY OF UINTAH)(

AFFIDAVIT OF SURFACE DAMAGE SETTLEMENT AGREEMENT

P. Fritts Rosenberger, of lawful age, being first duly sworn, upon oath deposes and says:

THAT affiant is employed as a Senior Petroleum Landman with Pennzoil Company in Roosevelt, Utah.

THAT Pennzoil Company has proposed the drilling of the Rich 2-13B1 Well on the following described land located in Uintah County, Utah, to wit:

Township 2 South, Range 1 West, USM Section 13: NW/4NW/4

THAT Pennzoil Company has entered into Surface Damage Settlement Agreements with the surface owners of record covering the proposed access road and well location.

FURTHER affiant sayeth not.

P. Fritts Rosenberger

Subscribed and sworn to before me this _/5+h day of May, 1996

My commission expires:

7-14-29

Notary Public for the

State of Utah

Residing at: Sandy UT

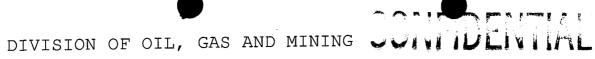


STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING

SUNDRY NOTICES AND	PEDODTS ON WELLS	5. Lease Designation and Serial No.
Do not use this form for proposals to	drill or deepen or reentry to a different reservoir. R PERMIT -" for such proposals	6. If Indian, Allottee or Tribe Name
SUBMIT IN	I TRIPLICATE	7. If unit or CA, Agreement Designation
Type of Well Gas well Other		8. Well Name and No.
2. Name of Operator		Rich 2-13B1
Pennzoil Company, Utah Crude 3. Address and Telephone No.	e Supply	9. API Well No. 43-047-32744
P. O. Box 10 Roosevelt, UT 8	01-722-6200	10. Field and Pool, or Exploratory Area
4. Location of Well (Footage, Sec., T., R., M., or Survey Desc	pription)	Bluebell
738' FNL 1063' FWL NW NW Sec	: 13 T2S R1W	11. County or Parish, State Uintah
12 CHECK APPROPRIATE BOX(S TYPE OF SUBMISSION	TYPE OF ACTION	OTHER DATA
X Notice of Intent	Abandonment	Change of Plans
	Recompletion	New Construction
Subsequent Report	Plugging Back	Non-Routine Fracturing
	Casing repair	Water Shut-off
Final Abandonment Notice	Altering Casing	Conversion to Injection
	x Other Change total depth	Dispose Water (Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)
	te all pertinent details, and give pertinent dates, including estimated date of starting any protrue vertical depths for all markers and zones pertinent to this work) et to 12,500 feet.	posed work. If well is directionly
14. I hereby certify that the pregoing is true and greet Signed	Title Petroleum Engineer	Date 5/15/96
(This space of Federal or State office use) Approved by Conditions of approved if any:	UTIHO HEMARLUM ENgmen	Date 5/20/9

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly to make to any department of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.





SPUDDING INFORMATION

Name of Company: PENNZOIL
Well Name: RICH 2-13B1
Api No. <u>43-047-32744</u>
Section 13 Township 2S Range 1W County UINTAH
Drilling Contractor
Rig #:
SPUDDED:
Date: 6/17/96
Time:
How: DRY SPUD
Drilling will commence:
Reported by: <u>D. HACKFORD-DOGM</u>
Telephone #:
Date: 6/24/96 Signed: JLT

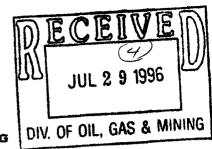
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STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

SUNDRY NOTICES AND REPORTS ON WELL DIV. OF OIL, GAS & MINING 5. Lease Designation and Serial No. Do not use this form for proposals to drill or deepen or reentry to a different reservoir. 6. If Indian, Allottee or Tribe Name Use "APPLICATION FOR PERMIT -" for such proposals 7. If unit or CA, Agreement Designation SUBMIT IN TRIPLICATE 1. Type of Well X Oil Well 8. Well Name and No. Rich 2-13B1 2. Name of Operator **Pennzoil Company** 9 API Well No. 43 047 32744 3. Address and Telephone No. 801-722-6206 P.O. Drawer 10 Roosevelt, Utah 84066 10. Field and Pool, or Exploratory Area BLUEBELL 4. Location of Well (Footage, Sec., T., R., M., or Survey Description) 11. County or Parish, State Uintah, Utah CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA TYPE OF ACTION TYPE OF SUBMISSION Change of Plans Notice of Intent Abandonment **New Construction** Recompletion Non-Routine Fracturing Subsequent Report Plugging Back Casing repair Water Shut-off Final Abandonment Notice Altering Casing Conversion to Injection X Spud & Surface Casing Dispose Water (Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.) 13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. It well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work) Spud 12:00 noon 6/27/96. Verbal to J Thompson, Utah Oil & Gas Division 6-28-96. Water flow at 2300'. Est volume 40 to 60 gal/min. Killed with 11.2 ppg mud. Set 9 5/8" 36# K-55 STC 8rd new casing at 2408'. Dowell cemented with 300 sacks Hi-Lift, yeild 3.75, 300 sacks "G", yield 1.15. One inch at 150' with 100 sacks Class "G", yield 1.15 CF. Total volume 1585 CF. Water flow at surface after cementing. Cement squeeze 9 5/8"-16" annulus with 90 sacks "G", 2% CaCl. Water flow squeezed off. Witnessed by Dave Hackford, Utah Oil & Gas Division inspector.



DIVISION OF OIL GAS AND MINING DIV. OF OIL, GAS & MINING BOPE TEST INSPECTION FORM

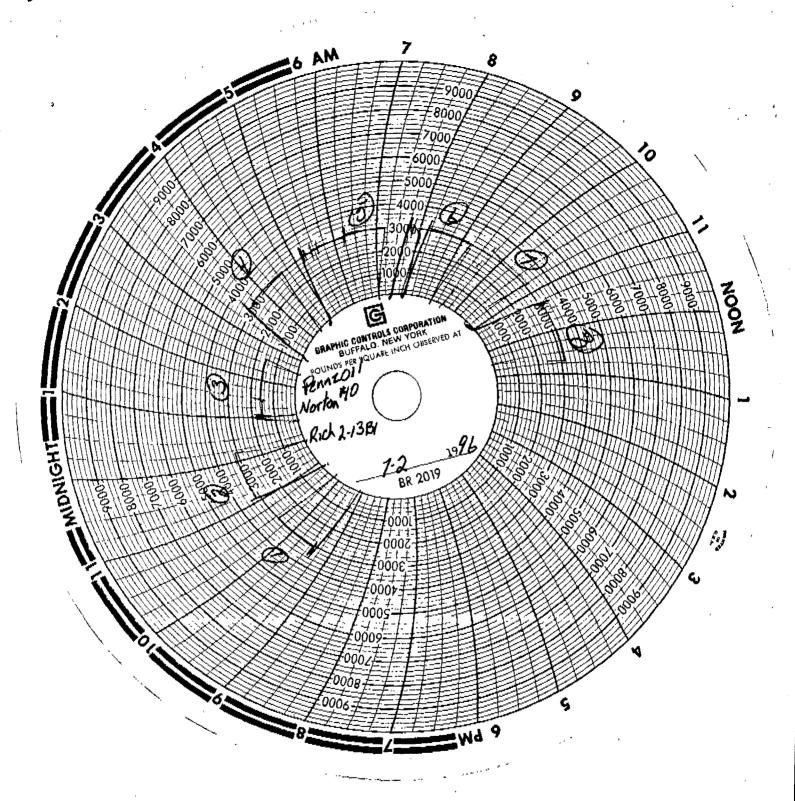
COMPANY: PENNZOIL REPRESENTATIVE: DELOY DUNCAN	,
WELL NAME: RICH 2-1381 API NO: 43-047-32744	
WELL SIGN: Y OTR/OTR NV/NV SEC: 13 TVP: 25 RANGE: 1W	
INSPECTOR: DAVID HACKFORD TIME: 9:00PH AM DATE: 7/2/96	
DRILLING CONTRACTOR: NORTON RIG: 10	
DEPTH: 2409' LAST CASING: 9 5/8 SET 0: 2406'	_
TESTED BY: DOUBLE JACK WATER: X MUD:	
TEST PRESSURES: 3000/1500 KELLYCOCK: UPPER Y LOWER Y	
INSIDE BOP Y FULL OPENING VALVE ON FLOOR Y	,
WRENCH FOR FULL OPENING VALVE/KELLYCOCK ON FLOOR Y	
STACK LISTED AS ARRANGED (FROM TOP TO BOTTOM): PRESSURE	
1. ROTATING HEAD	_
2. ANNULAR 1500 PSI	
3. BLIND RAMS 3000 PSI	
4. PIPE RAMS 3000 PSI	
5.	
6.	_
7.	
8	
CHOKE MANIFOLD AND VALVES:	
DART VALVE: Y FLOOR VALVE: Y HCR VALVE: Y	_
INSIDE VALVES Y OUTSIDE VALVES Y	
ADDITIONAL COMMENTS: <u>ALL TESTS TO 3000 PSI EXCEPT ANNULAR</u> PREVENTOR. CHECK VALVE IN KILL LINE.	

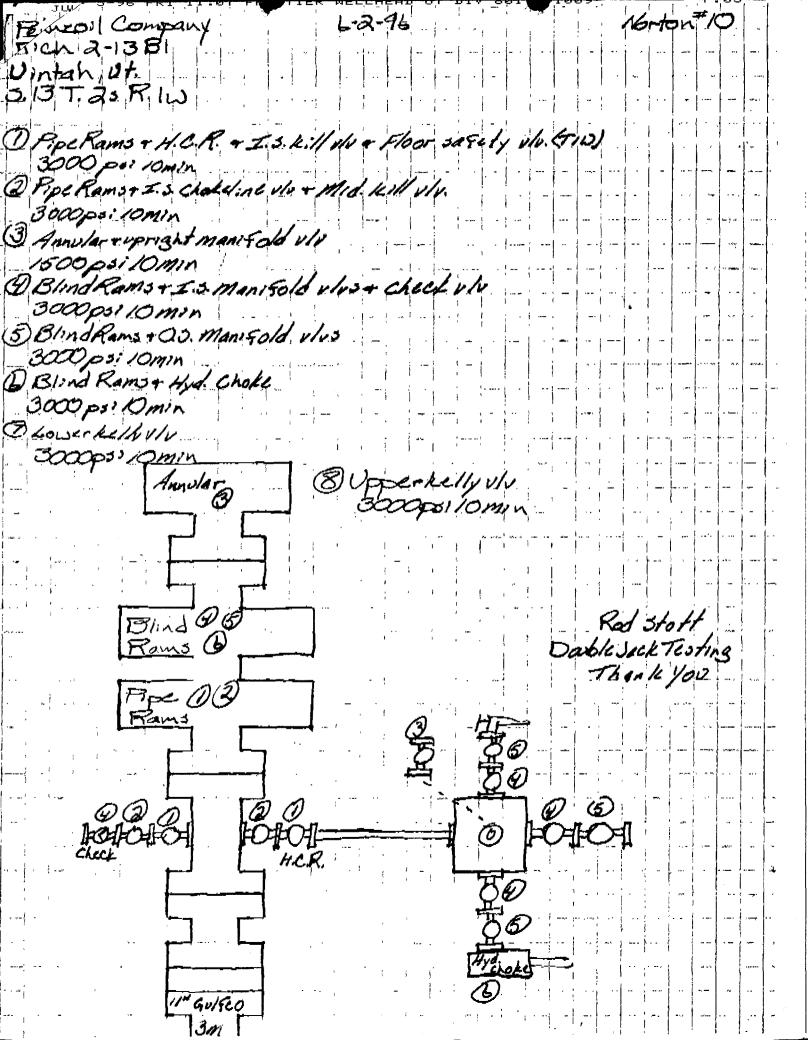
Double Jack Testing & Services, Inc. B.O.P. Test Report

B.O.P. Test performed on (date) <u>よう・9ん</u>
Oil Company Fennzail Co.
Well Name & Number Rich 2-13B/
Section_;3
Township_2s
Range
County & State Untah Ut
Drilling Rig Norten#10
Company Man Delay Duncan
Tool Pusher Sha
Notified prior to test State
Copies of this report sent to:
State
Location

Original chart & test report on file at:

Double Jack Testing
P.O. Box 828
Vernal, UT 84078
(801)781-0448





STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING

to any matter within its jurisdiction.

Do not use this form for proposals to drill or deepen or reservol to a different reservolr. Substitution S	CUMPRY NOTICES AND	A REPORTS ON WELLS	Lease Designation and Serial No.
SUBMIT IN TRIPLICATE C. A NW873 R. Wet Neme and No. Rich 2-13B1 R. Wet Neme and No. A 94 Wet No. B LUEBELL 11. Courty or Press, State Ulntah, Utah 12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA TYPE OF SUBMISSION TYPE OF ACTION A Dandomment A Dandomment A Dandomment A Dandomment A Dandomment Casing repair A Non-Routine Fracturing Weter Shru-cull Weter Shru-cull A Recompletion A Recompletion A Non-Routine Fracturing Weter Shru-cull Weter Shru-cull Weter Shru-cull A Dispose Water plant important at a mage congress on find Couversion to Injection Conversion to Injection The Describe Proposed or Completion Operators (Courty attent all performed destin, and give performed dates, lockaling estimated date of starring any proposed work. If well a directed by other in the species of Profession State of the State of	Do not use this form for proposals to	6. if Indian, Allottee or Tribe Name	
2. Name of Operator Pennzoll Company 2. Address and Telegopore No. Pennzoll Company 3. Address and Telegopore No. Pennzoll TR Goosevelt, Utah 84066 4. Location of Warl (Processes, Sec., T. R. M. or Survey Description) 738* FNL 1063 FWL Section 13 T2S R1W 12 CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA TYPE OF SUBMISSION TYPE OF SUBMISSION TYPE OF ACTION Notice of Intent	OUDLUT II	V TRIPLIOATE	7. If unit or CA, Agreement Designation
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2. Name of Operator Pennzoli Company 2. Address and Triespone No. P.O. Drawer 17 Roosevelt, Utah 84066 801-722-8208 4. Location of Viral Fricages, Sec., T. R. N. of Survey Description 788' FNL 1063 FWL Section 13 T2S R1W 12 CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA TYPE OF SUBMISSION TYPE OF ACTION Notice of Intent			
Pennzoil Company 3. Actives and transplants with the process of th			
3. Address and Trosphore No. P.O. Drawer 10 Roosevelt, Utah 84066 801-722-6206 4. Loursing of Viral Provage, Sec. T. R. N. N. of Survey Penephron 738° FNL 1063 FWL Section 13 T2S R1W 11. Course of Petahs, Blase UIntah, Utah 12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA TYPE OF SUBMISSION TYPE OF ACTION Notice of Intent	2. Name of Operator	PROPERTY AND	Rich 2-13B1
P.O. Drawer 10 Roosevelt, Utah 84068 801-722-6206 10. Place and Poc. of Epitomotory Area BLUEBELL 738' FNL 1063 FWL Section 13 T25 R1W 1. County or Parish, Balte Uintah, Utah 12 CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA TYPE OF SUBMISSION TYPE OF ACTION Notice of Intent			
### A Location of Well (Pocage, Sec., T. R., M., or Survey Description) ### 738' FNL 1063 FWL Section 13 T2S R1W ### 11. Cauty or Finals, State Unitah, Utah ### 12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA ### TYPE OF SUBMISSION ### 1 Notice of Intent ### Abandonment ### Abandonment ### Abandonment ### Abandonment Change of Plans ### New Construction ### New Construction ### New Construction ### New Construction ### Non-Routine Fracturing ### Conversion to Injection ### Water Shut-off ### Conversion to Injection ### Unitah, Utah ### 1 New Construction ### Non-Routine Fracturing ### Conversion to Injection ### Unitah, Utah ### New Construction ### Non-Routine Fracturing ### Water Shut-off ### Unitah, Utah ### New Construction ### Non-Routine Fracturing ### Water Shut-off ### Unitah, Utah ### New Construction ### Non-Routine Fracturing ### Unitah, Utah ### New Construction ### New Conversion to Injection ### Unitah, Utah ### New Construction ### New Conversion to Injection ### Unitah, Utah ### Unitah, Utah ### New Construction ### New Construction ### New Construction ### New Conversion to Injection ### Unitah, Utah ### New Construction ### New Conversion to Injection ### Unitah, Utah ### New Construction ### Unitah, Utah ### New Construction ### New Construction ### Unitah, Utah ### New Construction ### New Construction ### Unitah, Utah ### New Construction ### New Construction ### Unitah, Utah ### New Construction ### New Construction ### New Construction ### Unitah, Utah ### New Construction ### Unitah, Utah ### New Construction ### New Construction ### Unitah, Utah ### New Construction ### Unitah ### Unita	•	1066 904 700 6006	
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TYPE OF SUBMISSION Notice of Intent	738' FNL 1063 FWL Section 13	T2S R1W	
Notice of Intent	12 CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR	OTHER DATA
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Subsequent Report Plugging Back Non-Routine Fracturing Water Shut-off Water Shut-off Casing repair Water Shut-off Conversion to Injection Altering Casing Conversion to Injection Dispose Water Other Drillling summary report Dispose Water Other Engot results of multiple conjection on Wall Conjection or Preconjection	Notice of Intent	Abandonment	Change of Plans
Casing repair Casing repair Water Shut-off		Recompletion	New Construction
Final Abandonment Notice Altering Casing Conversion to Injection	X Subsequent Report	Plugging Back	Non-Routine Fracturing
Approved by Title Dispose Water [Note: Report results of milliple completion on Well (Note: Report results of milliple completion and Well (Note: Report results of milliple completion on Well (Note: Report results of milliple completion on Personal Log form.) To Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directically directionally directionally and the advertised depths for all markers and zones pertinent to this work) See the attrached Drilling Summary Report See the attrached Drilling Summary Report DIV. OF OIL, GAS & MINING 14. I hereby certify pertinent Signed Title Petroleum Engineer Date 9/9/96 (This space of Federal or State official use.)		Casing repair	Water Shut-off
(Note: Report results of multiple completion or Metallis, and give pertinent dates, including estimated date of starting any proposed work. If well is directioally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work) See the attached Drilling Summary Report See the attached Drilling Summary Report DIV. OF OIL, GAS & MINING 14. I hereby certify tending depoting by find correct Signed Title Petroleum Engineer Date Date	Final Abandonment Notice	Altering Casing	Conversion to Injection
13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directically drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work) See the attrached Drillling Summary Report SEP 1 1 1996 DIV. OF OIL, GAS & MINING 14. I hereby certify that the subspicious of the state office use.) Petroleum Engineer Date 9/9/96		X Other Drilling summary report	
See the attached Drilling Summary Report See the attached Drilling Summary Report SEP 1 1 1996		<u> </u>	Completion or Recompletion Report and Log form.)
SEP 1 1 1996 DIV. OF OIL, GAS & MINING 14. I hereby certify the the spegology of the fold correct Signed Trite Petroleum Engineer Chils space of Federal or State office use.) Approved by Title Date			used work. If well is directically
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Signed Title Petroleum Engineer Date 9/9/96 (This space of Federal or State officuse.) Approved by Title Date	9.		
Approved by Title Date	14. I hereby certify that the toegoing is trail and correct Signed	Title Petroleum Engineer	Date9/9/96
	(This space of Federal or State office use.)		
	As record by	Till.	Pari:
Outdinions of approval, it any.		I ILLO	Date
	Continuon on approval, il arry.		

PENNZOIL COMPANY UTAH CRUDE SUPPLY

RICH 2-13B1 DRILLING SUMMARY

5/20-6/01/96	Build road, location and pit. Tie into Ballard water line.
6/01-6/16/96	No activity.
6/16-6/19/96	Bill Martin set 60 feet of 16" conductor, drilled rat and mouse hole. J&R Consruction lined pit with 12 mil liner.
6/19-6/27/96	Move in and rig up Norton Drilling Company Rig No. 10.
6/27-7/4/96	Spud 12 noon, 6/27/96. Drilled 12 1/4" hole to 2409 with 8.3 ppg water, weight up to kill water flow at estimated depth of 2300 feet. Ran 62 jts 9 5/8" 36 #, STC, 8rd, new casing. Set and cemented at 2408' with 300 sx HiLift, 300 sx "G", one inch with 100 sks "G". WOC, water flow in 16"-9 5/8" annulus. Cement squeeze down annulus with 90 sks "G". Shut in for 7 hours, open well, no flow, cut off, nipple up 5000 psi BOP stack. Pressure test BOPE using Double Jack testers. Test casing to 2000 psi prior to drilling out, test casing shoe to 12.2 ppg equivalent.
7/4-7/12/96	Drill 8 3/4" hole to 6760'. Stuck drill string.
7/12-7/21/96	Fish and recover stuck drill pipe and collars. Mud weight 9.6 ppg for fishing.
7/21-8/6/96	Drill from 6760 to 9442'. Mud weight 9.6 ppg. HLS ran High resolution Induction, Gamma Ray, Caliper log from TD to base of surface with GR to surface, Borehole Compensated Sonic, Gamma Ray, Caliper from TD to base of surface. Conditioned hole, laid down 4 1/2" DP, ran 226 jts 7" 23#, P-110 LTC new casing, set at 9442, DV tool at 6310. Dowell cemented as follows; first stage, 100 bbls flush, 615 sks 50/50 Pozmix with additives. Wt 14.1 ppg, yield 1.26 cf/sk, 100 sks "G" with additives, wt. 15.6 ppg, yield 1.18cf/sk. Second stage: 1142 sks HiLift, wt. 11 ppg, yield 3.75 cf/sk, 190 sks 50/50 Pozmix with additives, wt. 14.1 ppg, yield 1.26 cf/sk, 100 sks "G" wt. 15.8, yield 1.15 cf/sk. Lost returns with 50 bbl displacement left, no cement to surface. Plug down 5:11 PM 8/2/96 with 1920 psi. Nipple up and test BOP stack.
8/6-8/9/96	Pick up 4 3/4" DC, 3 1/2" DP, drill out DV and float collar, test casing to 3000 psi. Drill out shoe, test casing shoe to 13.5 ppg mud equivalent. Drill out with 9.6 ppg mud. Drill to 9872. Increase mud weight to 12.8 ppg at 9636'.
8/9-8/16/96	Drill from 9872 to 10603.
8/16-8/23/96	Drill from 10603 to 11156. Increase mud weight to 13.7 at 11156.
8/23-8/30/96	Drill from 11156 to 12217'. Mud weight 13.3 to 13.6 ppg

8/30-9/6/96

Drill from 12217 to total depth of 12500. Halliburton Logging Services ran High Resolution Induction, Gamma Ray, SP and Borehole Compensated Sonic, Gamma Ray, Caliper log from TD to base of intermediate casing. Loggers TD 12,499'. Attemped to run a Numar MRI log, unsuccessful after three attempts. Ran 5", 18#, P-110 liner from 9170 to 12497', Dowell cemented with 355 sks Class "G" Saltbond II. Plug down 10:09 AM 9-5-95. Full returns throughout.

9/6-9/9/96

Pull up to 8500', circulate, shut in for 4 hours, POH. TIH, drill out cement from 8609 to top of liner, displace hole to 8.5 ppg produced water. POH, lay down 3 1/2" drill pipe and 4 3/4" drill collars, Nipple down BOP, set 11" 3M x 6" 5M tubing head, and secured well with a 6" 5M BOP. Tested BOP and 7" casing to 4000 psi, OK. Finish rigging down, Rig released at 2:00 PM 9-8-96.

S	E OF UTAH
MENT OF	NATURAL F

DEPARTMENT (F NATURAL	RESOURCES

DIVISION OF OIL, GAS AND MINING WELL COMPLETION OR RECOMPLETION REPORT AND LOG* 6. IF INDIAN, ALLOTTEE OR TRIBE NAME ia. TYPE OF WELL: OIL WELL X GAS WELL 7. UNIT AGREEMENT NAME b. TYPE OF COMPLETION: **CA NW673** NEW WELL X WORKOVER DEEPEN PLUG BACK DIFF. RESVR. 8. FARM OR LEASE NAME 2. NAME OF OPERATOR RICH PENNZOIL COMPANY 9. WELL NO. 3. ADDRESS OF OPERATOR 2-13B1 P.O. DRAWER 10, ROOSEVELT, UTAH 84066 801-722-6206 10. FIELD AND POOL, OR WILDCAT 4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements) BLUEBELL, WASATCH 738' FNL 1063' FWL At surface 11. SEC., T., R., M., OR BLOCK AND SURVEY SAME At top prod, interval reported below SAME At total depth SEC 13, T2S, R1W 14. PERMIT NO. DATE ISSUED 12. COUNTY OR PARISH 13. STATE 43 047 32744 5/7/96 UINTAH UTAH 17. DATE COMPL. (Ready to produce) 15. DATE SPUDDED 16. DATE T.D. REACHED 18. ELEVATIONS (DF, RKB, RT, GR, ETC.) 19. ELEV. CASINGHEAD 27-Jun-96 1-Sep-96 1-Oct-96 KB 5112 5095 20. TOTAL DEPTH, MD & TVD 21. PLUG BACK T.D., MD & TVD 22. IF MULTIPLE COMPL., HOW MANY 23. INTERVALS **ROTARY TOOLS** CABLE TOOLS 12,500 12,480 DRILLED BY: 100% 24. PRODUCING INTERVAL(S) OF THIS COMPLETION - TOP, BOTTOM, NAME (MD AND TVD) 25. WAS DIRECTIONAL SURVEY MADE 12,097 to 12,415, Wasatch 26. TYPE ELECTRIC AND OTHER LOGS RUN 9-9-96 27. WAS WELL CORED HRI/GR/SP, BCS/GR/Cal, Bond Log mud log CASING RECORD (Report all strings set in well) CASING SIZE WEIGHT LB/FT DEPTH SET (MD) HOLE SIZE CEMENTING RECORD AMOUNT PULLED 16" 80' 24["] Conducter none 9 5/8" 36 2409 12 1/4" 300 Lite, 400 "G" none 23 9442' 8 3/4" 2047 sks in two stages none LINER RECORD **TUBING RECORD** TOP (MD) BOTTOM (MD) SIZE SACKS CEMENT SCREEN (MD) SIZE DEPTH SET (MD) PACKER SET (MD) 5" 9170 12497 355 2 7/8" 11954 11948 ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC. 31. PERFORATING RECORD (Interval, size and number) DEPTH INTERVAL (MD) AMOUNT AND KIND OF MATERIAL USED 12,097 to 12,415', 130 net feet, 260 holes 12097 to 12415 13000 gals 15% HCL **PRODUCTION** DATE FIRST PRODUCTION PRODUCTION METHOD (Flowing, gas lift, pumping - size and type of pump) WELL STATUS (Producing or flowing) 1-Oct-96 Flowing Flowing DATE OF TEST HOURS TESTED CHOKE SIZE PRODUCTION FOR OIL - BBLS GAS - MCF WATER - BBLS GAS - OIL RATIO Oct 1.96 24 10/64 TEST PERIOD: **1.8 MMCF** FLOW. TBG PRESS. CASING PRESSURE CLACULATED OIL - BBLS GAS - MCF WATER - BBLS OIL GRAVITY-API 3800 0 24 - HOUR RATE: 75 **1.8 MMCF** 45.5 34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) TEST WITNESSED BY Sold to Gary Energy Cory DeSantis 35. LIST OF ATTACHMENTS 36. I hereby certify that the forego ed information is complete and correct as determined from all available records SIGNED TITLE Petroleum Engineer 11/25/96

5. LEASE DESIGNATION AND SERIAL NO.

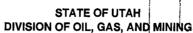
Rich 2-13B1 page 2

	dOL	TRUE VERT. DEPTH	
GEOLOGIC MARKERS		MEASURED	5240 8470 9305 9555
38. GEOL		NAME	Green River TGR3 CP-70 Wasatch
(Show all important zones of porosity and contents thereof; cored intervals; and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries):	DESCRIPTION, CONTENTS, ETC.	See Mud Log for summary of shows	No DST or cores
(Show all important z drill-stem tests, inclu flowing and shut-in p	BOTTOM		
RUS ZONES:	TOP		
37. SUMMARY OF PORUS ZONES:	FORMATION		

FORM 7

Name & Signature:

John Pulley





Title: Petroleum Engineer

REPORT OF WATER ENCOUNTERED DURING DRILLING

•	1. Well name and nun	nber: <u>Rich 2-10</u>	3B1		
	API number:	43 047 32744			
- :	2 Well Location: QQ	NW/NW Section	13 Township 2S	Range	1W County Uintah
;	3 Well operator:	Pennzoil Company			
	Address	P.O. Drawer 10			· · · · · · · · · · · · · · · · · · ·
		Roosevelt, Utah 840	66	Phone:	801-722-6206
	4 Drilling Contractor	Norton Drilling Compa	any		
	Address	5211 Brownfield High	way, #230		
		Lubbock, TX 79407-3	3501	Phone:	806-785-8400
		Depth TO 2300¹	VOLUME (FLOW RATE OR HEAD) Est at 60 gal/min	Salty, see	QUALITY (FRESH OR SALTY) a attached Water Analysis
		O			
6	Formation Tops:	Green River 5240'			
6	Formation Tops:	Green River 5240			
6	Formation Tops:	Green Hiver 5240			



2060 SOUTH 1500 EAST VERNAL, UTAH 84078

Telephone (801) 789-4327

Water Analysis Report

Company: PENNZOIL

PROJECT NO: 960682

Address:

WATER FLOW.

Field/Lease: RICH 2-13B1

AT ± 2300'

Report For: JOHN PULLEY

cc.

Date Sampled: 7/2/96

CC.

Date Received: 7/3/96

cc.

Date Reported: 7/3/96

Service Engineer: LEE GARDINER

Chemical	2-3B1
Component	
Chloride (mg/l)	35,000
Sulfate (mg/l)	265
Carbonate (mg/l)	122
Bicarbonate (mg/l)	1,220
Calcium (mg/l)	1,264
Magnesium (mg/l)	185
Iron (mg/l)	2.0
Barium (mg/l)	
Strontium (mg/l)	
Sodium (mg/l)	21,576
рН	9.38
Ionic Strength	1.06
Specific Gravity	1,050
SI@20C (68F)	2.71
SI@25C (77F)	2.80
SI@30C (86F)	2.93
SI@40C (104F)	3.12
SI@50C (122F)	3.34
SI@60C (140F)	3.72
SI@70C (158F)	4.02
SI@80C (176F)	4.38
SI@90C (194F)	4.77
TDS (mg/l)	59,634
Temperature (F)	73
Dissolved CO2 (ppm)	0
Dissolved H2S (ppm)	0
Dissolved O2 (ppm)	N/D

Resistivity: (ohm/meter)

14

Analyst: K. Hawkins

lab tech : 📈

tech. service:

sales:

STATE OF UTAH DIVISION OF OIL, GAS AND MINING

ENTITY ACTION FORM - FORM 6

OPERATOR: ADDRESS:

PENNZOIL COMPANY PENNZOIL PLACE

P.O. BOX 2967 HOUSTON, TX 77252-2967

OPERATOR ACCT. NO 11

N0705

LOTICAL	CURRENT	NEW	API NUMBER	WELL NAME		WELL LOCATION			SPUD EFFECTIVE		
ACTION CODE	ENTITY NO.	ENTITY NO.	ATTOMBET		QQ	SC	TP	RG	COUNTY	DATE	DATE
В	99999	5435	4304732744	2-13B1 RICH	NWNW	13	28	110	UNITAH	6/27/96	6/17/96
WELL 1 COMMENS: E 1:1. 1 1 1 2 - 4-9(a (l (C.A. NW-1073))											
	Communitization	n Agreement#is	s NW-673	- deflect within the houndains of ar	~ _		/				
1	Add new well to	an existing Entitle	ry number mat is being the May I lie Federal	g drilled within the boundaies of ar 1-13B1, API # 430730176	assignou un	114					
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WELL 5 CO	MMENTS:										
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6 P. A. L. D.	i (See instructin on back sh new entity for new well	falania well only						Skillighure .	Truma	<u> </u>	
B-Addine	w well to existing entity (group or unit Well) a calley to continue existi	ng entity					Reve	we Am	The same of	12/3/96
O Dante	enbisys is countents sec idu mes tous oue existin idu mes tous cus existin idu mes tous cus existin idu mes tous cus existin	CHIDDEN BY DEWLOUTEN						Title			Dete /
			uma ealartad					Phone No. (713)	546-8093	
NOTE: Use COM	MENT section to explain	тилу өвсп моюн соре	mad goeradu.								

Pennzoil Exploration & Production Co. Fax Transmission

No. of pages incl. this one: 2

To:

Lisha Cordova

Fax number:

(801) 359-3940 Voice number: (801) 538-5296

From:

Debbie Thomas December 10, 1996

If your do not receive all pages contact:

Debbie Thomas at (713) 546-8093

Fax # (713) 546-8223

Subject:

Form #6 attached per our phone conversation

Action Form # 6 attached for an Entity on the Rich 2-13B1.

Thanks
Debbie Thomas

STATE OF UTAH DIVISION OF OIL, GAS AND MINING

ENTITY ACTION FORM - FORM 6

OPERATPR ACCT. NO 11

No705

OPERATOR: ADDRESS:

PENNZOIL PRODUCTS COMPANY

PENNZOIL PLACE

P.O. BOX 2967

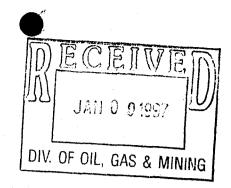
HOUSTON, TX 77252-2967

ACTION	CURRENT	NEW	API NUMBER		MIPLE							
CODE	ENTITY NO.	ENTITY NO.	VETADIMIDELL		WELL NAME			ELL LOCAT			SPUD	EFFECTIVI
A	5435	12046	4304732744		2-13B1 RICH	QQ	sc	TP	RG	COUNTY	DATE	DATE
WELL 1 COM	MENS:		,			NWNW	13	28	1W	UNITAH	6/17/96	6/17/98
		Entity	1 added 12-10	-96. J	(Open. add	ed to 54	35 in	error	reg. in	dividue	1 entity	
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WELL 2 COM	MENS:			L		1	L	<u> </u>				
WELL 3 COM	MENS.							1				
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ACTION CODES (See	e instructio on back of fo	m)										
A - Esquinsi ne B - Add new we C - Re-assion w	rw entry for new well (ain il to existing entity (group sell from one existing est	gio well only) or unit well)	unity						Signaline	sulf	ames	
E - Other (axpla	em irom one excessing em in in comments section)	all, go at water extigs	_						Remer A	Luity.	12/1	0/96
NOTE: Use COMMEN	IT section to explain why	each Action Code was	i selected.		•				Phone No. (713) 5	46-8093	72.15



Michael O. Leavitt Governor Ted Stewart Executive Director James W. Carter Division Director State of Utah
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

1594 West North Temple, Suite 1210 Box 145801 Salt Lake City, Utah 84114-5801 801-538-5340 801-359-3940 (Fax) 801-538-7223 (TDD)



January 3, 1997 25 1 W 13

Mr. John Pulley
Pennzoil Company
P. O. Drawer 10
Roosevelt, Utah

84066

Re: Rich #2-13B1, API No. 43-047-32744

Submittal of Electric and Radioactivity Logs

Dear Mr. Pulley:

We have received the High Resolution Induction, Borehole Compensated Sonic and Mud Log for the above referenced well. The Well Completion Report indicates that a Bond Log was also run. Please submit a copy of that log to our office as soon as possible.

Your help in this matter will be greatly appreciated. If you have questions regarding this request, please contact me at (801) 538-5279.

Sincerely,

Vicky Dyson

Ouby ily son

Production Group Supervisor

cc: R. J. Firth D. T. Staley

Log File

for regust - bond dog attached -

(pm tully 1-8-97

STATE UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING

DIVISION OF OIL, GAS, AND MI		o. Lease designation and General Number
		7. Indian Allottee or Tribe Name
SUNDRY NOTICES AND REPORTS ON	INC) I C	
Do not use this form for proposals to drill new wells, deepen existing well, or to		Unit or Communitization Agreement
Use APPLICATION FOR PERMIT - for such prop		CA NW673
1. Type of Well		9. Well Name and Number
X Oil Well Gas well Other (specify)	'INTN'THE	Rich 2-13B1
2. Name of Operator	IDENTIAL	10. API Well Number
Pennzoil Company 3. Address of Operator	4. Telephone	43-047-32744 11. Field and Pool, or Wildcat
P.O. Drawer 10 Roosevelt, UT 84066	801-722-5128	Bluebell - Wasatch
5. Location of Well		1 liutah
Footage : 738' FNL & 1063' FWL QQ, Sec, T., R., M. : Section 13, T2S, R1W	County : State :	Uintah Utah
CHECK APPROPRIATE BOXES TO INDICATE NAT		
NOTICE OF INTENT	SUBSE	QUENT REPORT
(Submit in Duplicate) Abandonment New Construction	Abandonment *	mit Original Form Only) New Construction
Casing Repair Pull or Alter Casing	Casing Repair	Pull or Alter Casing
Change of Plans Recompletion	Change of Plans	Shoot or Acidize
Conversion to Injection Shoot or Acidize	Conversion to Injection	Vent or Flare
Fracture Treat Vent or Flare	Fracture Treat	Water Shut-Off
Multiple Completion Water Shut-Off	X Other Perforate additio	nal Wasatch pay
Other	Date of Work Completion	4-Apr-97
Carlot	Report results of Multiple Completion and Recom	pletion to different reservoirs
Approximate Date Work Will Start	on WELL COMPLETION OR RECOMPLETION At Must be accompanied by a cement verification	
13. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertino	ent details, and give pertinent dates. If well is di	rectionally drilled, give subsurface
location and measured and true vertical depths for all markers and zones pertinent	to this work.)	
SUMMARY OF COMPLETED OPERATIONS		
40/0/00 D. C. J. J. 44 744 40 0001 (4001 044 balas)	A.C.	M. I BOME & EVON. SHALL .
12/9/96 Perforated 11,714-12,032' (122', 244 holes) 12/11/96 Acidized 11,714-12,032' with 12,200 g 15%	HCI	MFIDENII.
12/17/96 Ran production logs.	1102.	MIDLIVIE
3/10/97 Acidized old and new perfs 11,714-12,415		
3/12/97 Scale squeezed old and new perfs 11,714-1		
3/13/97 Set 5" modified PDQ-X CIBP (holds from all		at 11,696'.
3/14/97 Perforated 11,032-11,678' (184', 368 holes)		
3/31/97 Acidized 11,032-11,678' with 18,400 g 15% 4/4/97 Ran production logs. Left well flowing.		SERVICE (V)
1/4/37 Nan production logo. Lott Woll nowing.	IME	CEIVEIN
	11ルア	
	11/11	MAY 1 2 1997 U/
	niv n	FOIL, GAS & MINING
	1014.0	
14. I hereby certify that the foregoing is true and correct		
Name & Signature Jess Dullnig Cless (Lell Lines)	Title Senior Petroleum Eng	gineer Date9-May-97



United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Utah State Office P.O. Box 45155 Salt Lake City, UT 84145-0155

In Reply Refer To: 3100 U-4377 UTU-66485 (UT-932)

MAR 2 6 1999

NOTICE

PennzEnergy Exploration and Production L.L.C. P.O. Box 2967

Oil and Gas

Houston, TX 77252-2967

Merger Recognized

Acceptable evidence has been filed in this office concerning the merger of Pennzoil Exploration and Production Company into PennzEnergy Exploration and Production L.L.C. with PennzEnergy Exploration and Production L.L.C. being the surviving entity.

For our purposes, the merger is recognized effective December 28, 1998, (Secretary of State's approval date).

Oil and gas lease files U-4377 and UTU-66485 have been noted as to the merger. The lease file numbers were obtained from a list of leases drawn from our Automated Land and Mineral Record System (ALMRS). We have not abstracted the lease files to determine if the entity affected by the merger holds an interest in the leases identified nor have we attempted to identify leases where the entity is the operator on the ground maintaining no vested record title or operating rights interests. We are notifying the Minerals Management Service and all applicable Bureau of Land Management offices of the change by a copy of this notice. If additional documentation for changes of operator are required by our Field Offices, you will be contacted by them.

By recognition of the merger, the principal/obligor is automatically changed by operation of law from Pennzoil Exploration and Production Company to PennzEnergy Exploration and Production L.L.C. on Bond No. 8023 Exploration and Production Company to PennzEnergy Exploration and Production Company to PennzEnergy Exploration and Production L.L.C. on Bond No. 8134-99-99 (BLM Bond No. NM2142).

IRENUJ. ANDERCON

Irene J. Anderson Acting Group Leader, Minerals Adjudication Group

cc:

Moab Field Office Vernal Field Office MMS, Reference Data Branch, MS 3130, Box 5860, Denver, CO 80217 State of Utah, DOGM, Attn: Kristen Risbeck (Ste. 1210), Box 145801, SLC, UT 84114-5801 Teresa Thompson (UT-931)



United States Department of the Interior

BUREAU OF LAND MANAGEMENT Utah State Office P.O. Box 45155 Salt Lake City, UT 84145-0155

In Reply Refer To: 3100 U-0115615 et al (UT-932)

MAR 2 6 1999

NOTICE

PennzEnergy Company P.O. Box 2967 Houston, TX 77252-2967

Oil and Gas

Merger Recognized

Acceptable evidence has been filed in this office concerning the merger of PennzEnergy Company into Pennzoil Company with PennzEnergy Company being the surviving entity.

For our purposes, the merger is recognized effective December 30, 1998, (Secretary of State's approval date).

The oil and gas lease files and communitization agreement computer files identified on the enclosed exhibit have been noted as to the merger. The exhibit was compiled from a list of leases obtained from our Automated Land and Mineral Record System (ALMRS). We have not abstracted the lease files to determine if the entity affected by the merger holds an interest in the leases identified nor have we attempted to identify leases where the entity is the operator on the ground maintaining no vested record title or operating rights interests. We are notifying the Minerals Management Service and all applicable Bureau of Land Management offices of the change by a copy of this notice. If additional documentation for changes of operator are required by our Field Offices, you will be contacted by them.

By recognition of the merger, the principal/obligor is automatically changed by operation of law from Pennzoil Company to PennzEnergy Company on Bond No. 8134-90-99 (BLM Bond No. NM2142).

IRENL G. ANDERS CO

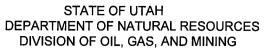
Irene J. Anderson Acting Group Leader, Minerals Adjudication Group

Enclosure

Exhibit

CC:

Moab Field Office Vernal Field Office MMS, Reference Data Branch. MS 3130, Box 5860, Denver, CO 80217 State of Utah, DOGM, Attn: Kristen Risbeck (Ste. 1210), Box 145801, SLC, UT 84114-5801 Teresa Thompson (UT-931)



SUNDRY NOTICES AN	D REPORTS ON WELLS	5. Lease Designation and Serial No.	
Do not use this form for proposals to	o drill or deepen or reentry to a different reservoir. R PERMIT -" for such proposals	6. If Indian, Allottee or Tribe Name	
SUBMIT II	N TRIPLICATE	7. If unit or CA, Agreement Designation	
1. Type of Well		CA NW673	
X Oil Well Gas well Other		8. Well Name and No.	
2. Name of Operator PENNZENERGY COMPANY		RICH 2-13B1 9. AP! Well No.	
3. Address and Telephone No. P. O. BOX 290 NEOLA, UTAH 840	053 435-353-4121	43 047 32744	
4. Location of Well (Footage, Sec., T., R., M., or Survey Des		10. Field and Pool, or Exploratory Area BLUEBELL	
738' FNL 1063 FWL Section 13	3 T2S R1W	11. County or Parish, State UINTAH, UTAH	
12 CHECK APPROPRIATE BOX	(s) TO INDICATE NATURE OF NOTICE, REPORT	, OR OTHER DATA	
TYPE OF SUBMISSION	TYPE OF ACTION		
X Notice of Intent	Abandonment	Change of Plans	
	Recompletion	New Construction	
Subsequent Report	Plugging Back	Non-Routine Fracturing	
	Casing repair	Water Shut-off	
Final Abandonment Notice	Altering Casing	Conversion to Injection	
	X Other ADD ADDITIONAL WASATCH	Dispose Water (Note: Report results of multiple completion on Well	
		Completion or Recompletion Report and Log form.)	
	ate all pertinent details, and give pertinent dates, including estimated date of starting a	ny proposed work. If well is directioally	
Set a one-way CIBP at 10,980' Perforate additional Wasatch 9 Acidize perforations 9,518-10,9	l true vertical depths for all markers and zones pertinent to this work) 1,518-10936' 54 intervals, 260 net feet, 402 holes. 1936' with 16,000 gals 15% HCL with additives and b	balls for diversion.	
Return to production		MEGEIVI	<u> </u>
	COPY SENT TO OPERATOR Curte: 6-1-99 Initials: 6-10	MAY 2 1 1999	
14. I hereby certify the title foregoing is true and control		DIV. OF OIL, GAS & N	ΛIN
Signed Shan helley John Pulley	Title Sr. Petroleum Engineer	Date 5/119/99	
(This space of Federal or State office use.)	·		
Approved by	APPROVED BY THE	STATE	
Conditions of approval, if any:	OF UTAH DIVISIO	NOF—	
Title 18 U.S.C. Section 1001, makes it a crime for any person to any matter within its jurisdiction.	knowingly to make to any Ground em of mod United States any later activous of trau		



STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL GAS AND MINING

to any matter within its jurisdiction.



DIVISION OF	OIL, GAS, AND MINING DIVISION OF OIL, GA	C & MINING
	D REPORTS ON WELLS	5. Lease Designation and Serial No.
Use "APPLICATION FO	o drill or deepen or reentry to a different reservoir. R PERMIT -" for such proposals	6. If Indian, Allottee or Tribe Name
SUBMIT I	N TRIPLICATE	7. If unit or CA, Agreement Designation
1. Type of Well	1110 2.0712	CA NW673
X Oil Well Gas well Other		8. Well Name and No.
2. Name of Operator	·	RICH 2-13B1
PENNZENERGY COMPANY		9. API Well No.
3. Address and Telephone No. P. O. BOX 290 NEOLA, UTAH 84	053 435-353 - 4121	43 047 32744
4. Location of Well (Footage, Sec., T., R., M., or Survey Des		10. Field and Pool, or Exploratory Area BLUEBELL
738' FNL 1063 FWL Section 13	3 T2S R1W	11. County or Parish, State UINTAH, UTAH
12 CHECK APPROPRIATE BOX	(s) TO INDICATE NATURE OF NOTICE, REPORT, O	R OTHER DATA
TYPE OF SUBMISSION	TYPE OF ACTION	
Notice of Intent	Abandonment	X Change of Plans
	Recompletion	New Construction
X Subsequent Report	Plugging Back	Non-Routine Fracturing
	Casing repair	Water Shut-off
Final Abandonment Notice	Altering Casing	Conversion to Injection
	Other	Dispose Water (Note: Report results of multiple completion on Well
		Completion or Recompletion Report and Log form.)
drilled, give subsurface locations and measured and	ate all pertinent details, and give pertinent dates, including estimated date of starting any pro d true vertical depths for all markers and zones pertinent to this work) ver submitted in May 1999 has been canceled.	posed work. If well is directioally
	, 9,518-10936' 54 intervals, 260 net feet, 402 holes. 936' with 16,000 gals 15% HCL with additives and balls	s for diversion.
14. I hereby ceptly that the foregoing is the absorbed Signed Sonn Pulley	тійь Sr. Petroleum Engineer	Date 12/22/99
(This space of Federal or State office use.)		
Approved by Conditions of approval, if any:	Title	Date
	knowingly to make to any department of the United States any false, fictitious or fraudulent	statements or representations as



United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Utah State Office P.O. Box 45155 Salt Lake City, UT 84145-0155 RECEIVED

FEB 17 2000 DIVISION OF OIL, GAS AND MINING

FFB 1 6 2000

In Reply Refer To: 3106 U-0575A et al (UT-932)

NOTICE

Devon Energy Production Company L.P. 20 North Broadway, Suite 1500

20 North Broadway, Suite 1500 Oklahoma City, Oklahoma 73102-8260 Oil and Gas

U-0575A et al

Merger Recognized

Acceptable evidence has been filed in this office concerning the merger of Devon Energy Corporation (Nevada) and PennzEnergy Exploration and Production Company, L.L.C. into Devon Energy Production Company, L.P. with that company being the surviving entity.

The oil and gas lease files listed on the enclosed exhibit have been noted as to the merger. The exhibit was compiled from your list of leases, and a list of leases obtained from our computer system. We have not attempted to identify leases where the entities are the operator on the ground maintaining no vested record title or operating rights interests. We are notifying the Minerals Management Service and all applicable Bureau of Land Management offices of the merger by a copy of this notice. If additional documentation for changes of operator are required by our Field Offices, you will be contacted by them.

PennzEnergy Company assigned 100 percent of the record title interest, in the following leases on the list submitted by Devon Energy Production Company L.P., to Barrett Resources Corporation (Barrett) effective January 1, 2000.

U-0143511

U-4377

UTU-67943

U-0143512

U-4378

Subsequently, Barrett assigned 100 percent of the record title interest to Coastal Oil & Gas Corporation effective February 1, 2000. A copy of this notice is being placed in these files to cover any overriding royalty interest that would be held by the surviving entity.

Lease U-0115614A is held 100 percent by Flying J Oil & Gas. PennzEnergy Company holds 100 percent of the record title interest in lease U-3575. No record title assignment assigning the interest to PennzEnergy Exploration and Production Company, L.L.C. has been filed in this office. A copy of this notice will be placed in the lease files to cover any overriding royalty interest that would be held by the surviving entity.

Devon Energy Production Company, L.P.

FILED

DEC 3 0 1999

OKLAHOMA SECRETARY OF STATE

Certificate of Merger

TO:

The Oklahoma Secretary of State

101 State Capitol

Oklahoma City, Oklahoma 73105

Devon Energy Production Company, L.P., a limited partnership organized under the laws of the State of Oklahoma, for the purpose of filing a Certificate of Merger pursuant to the provisions of 54 O.S. § 310.1, does hereby execute the following Certificate of Merger:

1. The name and jurisdiction of formation or organization of each of a domestic limited partnership, a foreign corporation and a foreign limited liability company which are to merge are:

Name of Organization	Type of Organization	Jurisdiction of <u>Formation</u>
Devon Energy Production Company, L.P.	Limited Partnership	Oklahoma
Devon Energy Corporation (Nevada)	Corporation	Nevada
PennzEnergy Exploration and Production Company, L.L.C.	Limited Liability Company	Delaware

- 2. An Agreement of Merger has been approved and executed by the limited partnership, the corporation and the limited liability company which are to merge.
 - 3. The name of the surviving or resulting limited partnership is:

Devon Energy Production Company, L.P.

- 4. The merger shall be effective upon the filing of this Certificate of Merger with the Secretary of State of Oklahoma.
- 5. The Agreement of Merger is on file at the place of business of the surviving limited partnership at 1500 Mid-America Tower, 20 North Broadway, Oklahoma City, Oklahoma 73102.
- 6. A copy of the Agreement of Merger shall be furnished by the surviving or resulting limited partnership, upon request and without cost, to any partner of any limited partnership or any person holding an interest in any other business entity which is to merge.

MAR 1 3 2000

DIVISION OF OIL, GAS AND MINING DATED as of the 30th day of December, 1999.

Devon Energy Management Company, L.L.C. General Partner

RECEIVED

MAR 13 2000

DIVISION OF OIL, GAS AND MINING



	DES	SIGNATION OF AGEN	T OR OPERATOR	
The undersig	ned is, on record, the holde	er of oil and nas lease		
	ME: As per the att		•	
LEASE NU				
and hereby de	esignates			
NAME:	Devon Energy Product	ion Company, L.P.		
ADDRESS:			ma City, OK 73102-8260	
compliance wit State of Utah v	th the Oil and Gas Conserva vith respect to:	tion General Rules and Proc	complying with the terms of the lease and regul Agent may serve written or oral instructions in se cedural Rules of the Board of Oil, Gas and Mining	
		y each applicable oil and gas well by same a	and API number. Attach additional pages as needed.)	
see at	tached spreadsheet.			
Note:	Please use April 1,	2000 as the starting	date for production reporting purpos	es.
	-		RECEIVED	
			APR 2 0 2000	
		C	DIVISION OF DIL, GAS AND MINING	
ite of Utah. It is the lease.	is also understood that this o	designation of agent or open	ne lessee of responsibility for compliance with the te edural Rules of the Board of Oil, Gas and Mining of rator does not constitute an assignment of any inte ee will make full and prompt compliance with all ru	f the erest
	one of the board of On, Ga	s and minimize or the state of	ee will make full and prompt compliance with all runt or its authorized representative. Agent of any change in this designation.	æs,
ective Date of	Designation:January :	1, 2000		
(Name)	R. D. Glark	OF: (Compan)	PennzEnergy Exploration and Produc Company, L.L.C. 20 North Broadway, Suite 1500	tion
(Tide)	Vice President		Oklahoma City, OK 73102-8260	
(Phone)	405-235-3611			

Leases U-61343, UTU-64532, UTU-66485 and UTU-75200 have expired and are closed on the records of this office.

An assumption rider for BLM Bond No. CO1104 has been filed in the Colorado State Office.

/a/ Robert Lopez

Robert Lopez Chief, Branch of Minerals Adjudication

Enclosure

Exhibit

CC:

Vernal Field Office (w/encl.)

Moab Field Office (w/encl.)

MMS, Reference Data Branch, MS3130, P.O. Box 5860, Denver, CO 80217 (w/encl.) State of Utah, DOGM, Attn: Kristen Risbeck (Ste. 1210), Box 145801, SLC, UT (w/encl.) Teresa Thompson (UT-931) (w/encl.)

Irene Anderson (UT-932) (w/encl.) LaVerne Steah (UT-942) (w/encl.)

Exhibit of Leases

U-0575A	U-0141459	U-4377
U-01188B	U-0143511	U-4378
U-016654	U-0143512	U-16131
U-0115614A	U-0144868A	U-31262
U-0115615	U-3099	U-44426
U-0126825	U-3575	UTU-67943
U-0141454	11T11 7/1999	010 01010

Communitization Agreements

U-58774	U-58835	U-60827
U-58799	U-58839	U-60831
U-58830	U-58844	U-68998
U-58834	11-58854	0 00000



ARR 200 2000

DEVON ENERGY PRODUCTION COMPANY, L.P. UTAH PROPERTIES

FONORWE PARTIES

	·					LEASE NO. /
	API NO.	WELL NAME & NO.	LOCATION	COUNTY	FIELD NAME	AGREEMENT NO.
1	4301330005	CLYDE MURRAY 1-2A2	SESW-2-1S-2W	DUCHESNE	BLUEBELL	
2	4301330006	STATE 1-10A2	SWNE-10-1S-2W	DUCHESNE	BLUEBELL	
3	4301330009	VIRGIL MECHAM 1-11A2	W/2NE-11-1S-2W	DUCHESNE	BLUEBELL	96107
4	4301330011	VICTOR C BROWN 1-4A2	NESE-4-1S-2W	DUCHESNE	BLUEBELL	
5	4301330017	DOUG BROWN 1-4A2	SENW-4-1S-2W	DUCHESNE	BLUEBELL	
6	4301330030	CHASEL 1-18A1	NWNE-18-1S-1W	DUCHESNE	BLUEBELL	9628
7	4301330031	OLSEN 1-12A2	SWNE-12-1S-2W	DUCHESNE	BLUEBELL	UTU77363
8	4301330035	BOREN 1-14A2	NWSW-14-1S-2W	DUCHESNE	BLUEBELL	NW498
9	4301330042	UTE 2-12A3	NESW-12-1S-3W	DUCHESNE	BLUEBELL	1420H621576 Terminated 8-3-93
10	4301330086	L BOREN U 3-15A2	NESW-15-1S-2W	DUCHESNE	BLUEBELL	
11	4301330099	LAMICQ URRUTY U 3-17A2	NWSE-17-1S-2W	DUCHESNE	BLUEBELL	
12	4301330107	L BOREN U 5-22A2	SWNE-22-1S-2W	DUCHESNE	BLUEBELL	
13	4301330115	L BOREN U 4-23A2	SENW-23-1S-2W	DUCHESNE	BLUEBELL	
14	4301330119	VERL JOHNSON 1-27A2	SWNE-27-1S-2W	DUCHESNE	BLUEBELL	
15	4301330120	TOMLINSON FED 1-25A2	SENW-25-1S-2W	DUCHESNE	BLUEBELL	NW537
16	4301330123	L BOREN U 6-16A2	NWSE-16-1S-2W	DUCHESNE	BLUEBELL	
17	4301330125	UTE 3-18A2	NESW-18-1S-2W	DUCHESNE	BLUEBELL	1420H621750
18	4301330130	WOODWARD 1-21A2	SWNE-21-1S-2W	DUCHESNE	BLUEBELL	NW590
19	4301330133	LAMICQ 1-20A2	SWNE-20-1S-2W	DUCHESNE	BLUEBELL	
b	4301330136	UTE 1-6B3	NWNE-6-2S-3W	DUCHESNE	ALTAMONT	14204621778 / 9651
21	4301330142	SMITH UTE 1-18C5	NWNE-18-3S-5W	DUCHESNE	ALTAMONT	1420H622392
22	4301330143	MAUREL TAYLOR FEE 1-36A2	NESW-36-1S-2W	DUCHESNE	BLUEBELL	
23	4301330200	L ROBERTSON ST 1-1B2	NESW-1-2S-2W	DUCHESNE	BLUEBELL	
24	4301330212	LAMICQ UTE 1-5B2	NWSE-5-2S-2W	DUCHESNE	BLUEBELL	1420H621806 / 9683
25	4301330236	CAMPBELL UTE ST 1-7B1	SENW-7-2S-1W	DUCHESNE	BLUEBELL	1420H621970 / 9686
26	4301330245	SMITH ALBERT 1-8C5	SENE-8-3S-5W	DUCHESNE	ALTAMONT	
27	4301330294	FRESTON ST 1-8B1	NESW-8-2S-1W	DUCHESNE	BLUEBELL	

APR 2 0 2000

DEVON ENERGY PRODUCTION COMPANY, L.P. UTAH PROPERTIES

DIVISION OF OIL GAS AND MINING

[·]	OIL, GAS AND	MINITE		T		
-	API NO.	WELL NAME 6 NO	LOGATION			LEASE NO. /
28	4301330297	WELL NAME & NO.	LOCATION	COUNTY	FIELD NAME	AGREEMENT NO.
	·	GEORGE MURRAY 1-16B1	SENW-16-2S-1W	DUCHESNE	BLUEBELL	
29	4301330307	UTE ALLOTTED 1-36Z2	NWSE-36-1N-2W	DUCHESNE	BLUEBELL	1420H621676 / 9C124
30	4301330347	LAMICQ URRUTY U 4-5A2	SENW-5-1S-2W	DUCHESNE	BLUEBELL	
31	4301330359	H G COLTHARP 1-15B1	SENW-15-2S-1W	DUCHESNE	BLUEBELL	
32	4301330369	STATE 3-18A1	NESW-18-1S-1W	DUCHESNE	BLUEBELL	9C142
23	4301330564	D L GALLOWAY 1-14B2	SWNE-14-2S-2W	DUCHESNE	BLUEBELL	
34	4301330807	MARGUERITE 2-8B2	SENW-8-2S-2W	DUCHESNE	BLUEBELL	96102
35	4301330809	LAMICQ 2-6B1	NWSE-6-2S-1W	DUCHESNE	BLUEBELL	
36	4301330821	DILLMAN 2-28A2	SWNE-28-1S-2W	DUCHESNE	BLUEBELL	
37	4301330903	HAMBLIN 2-26A2	SWNE-26-1S-2W	DUCHESNE	BLUEBELL	
38	4301330912	RACHEL JENSEN 2-16C5	NENW-16-3S-5W	DUCHESNE	ALTAMONT	
39	4301330921	ROBERTSON UTE 2-2B2	NENE-2-2S-2W	DUCHESNE	BLUEBELL	9682
40	4301330975	JOHN 2-3B2	NWNE-3-2S-2W	DUCHESNE	BLUEBELL	
41	4301330995	LAMICQ ROBERTSON STATE 2-1B2	SWNE-1-2S-2W	DUCHESNE	BLUEBELL	
42	4301331009	UTE 2-7A2	CNE-7-1S-2W	DUCHESNE	BLUEBELL	1420462811
43	4301331147	HATCH 2-3B1	SENW-3-2S-1W	DUCHESNE	BLUEBELL	
44	4301331151	NORLING 2-9B1	SWSW-9-2S-1W	DUCHESNE	BLUEBELL	
45	4301331184	SHAW 2-27A2	SESW-27-1S-2W	DUCHESNE	BLUEBELL	
6	4301331190	LAMICQ URRUTY 4-17A2	SENW-17-1S-2W	DUCHESNE	BLUEBELL	
-47	4301331191	LAMICQ 2-20A2	SESE-20-1S-2W	DUCHESNE	BLUEBELL	
48	4301331192	BOREN 3-11A2	SWSW-11-1S-2W	DUCHESNE	BLUEBELL	96107
49	4301331203	FRESTON 2-8B1	SWNE-8-2S-1W	DUCHESNE	BLUEBELL	
50	4301331215	WISSE 3-35A2	SWSW-35-1S-2W	DUCHESNE	BLUEBELL	
51	4301331231	MECCA 2-8A2	SESE-8-1S-2W	DUCHESNE	BLUEBELL	
52	4301331232	MARK 2-25A2	NWNE-25-1S-2W	DUCHESNE	BLUEBELL	NW537
53	4301331233	DUNCAN 4-12A2	SWNW-12-1S-2W	DUCHESNE	BLUEBELL	UTU77363
54	4301331235	SWYKES 2-21A2	NWNW-21-1S-2W	DUCHESNE	BLUEBELL	NW590

APR 2 0 2000

DEVON ENERGY PRODUCTION COMPANY, L.P. UTAH PROPERTIES

DIVISION OF OIL, GAS AND MINING

						LEASE NO. /
	API NO.	WELL NAME & NO.	LOCATION	COUNTY	FIELD NAME	AGREEMENT NO.
55	4301331238	SHERMAN 2-12B2	SWSE-12-2S-2W	DUCHESNE	BLUEBELL	9690
56	4301331245	MILES 7-7B3	SWNW-7-2S-3W	DUCHESNE	ALTAMONT	9675
57	4301331276	DUNCAN 4-2A2	NESE-2-1S-2W	DUCHESNE	BLUEBELL	00.0
58	4301331278	HAMBLIN 3-9A2	SENE-9-1S-2W	DUCHESNE	BLUEBELL	
59	4301331285	DUNCAN 3-7A1	NWNW-7-1S-1W	DUCHESNE	BLUEBELL	
-60	4301331286	BAR F 2-5B1	SWSE-5-2S-1W	DUCHESNE	BLUEBELL	
51	4301331299	CORNABY 2-14A2	NENE-14-1S-2W	DUCHESNE	BLUEBELL	NW498
62	4301331317	MITCHELL 2-4B1	SESW-4-2S-1W	DUCHESNE	BLUEBELL	9662
63	4301331321	SMITH 2-9C5	SWSW-9-3S-5W	DUCHESNE	ALTAMONT	
64	4301331322	LORANGER 2-24A2	N/2NE-24-1S-2W	DUCHESNE	BLUEBELL	
65	4301331325	UTE 2-6B3	SWSW-6-2S-3W	DUCHESNE	ALTAMONT	1420H621858 / 9651
66	4301331326	MCELPRANG 2-30A1	SWSW-30-1S-1W	DUCHESNE	BLUEBELL	NW625
67	4301331327	SMITH 2-7C5	NESW-7-3S-5W	DUCHESNE	ALTAMONT	1420H622389
68	4301331328	SMITH 2-18C5	SWSE-18-3S-5W	DUCHESNE	ALTAMONT	1420H622392
69	4301331329	UTE 2-24A3	SWNW-24-1S-3W	DUCHESNE	BLUEBELL	1420H621761
70	4301331330	UTE 5-19A2	NWNW-19-1S-2W	DUCHESNE	BLUEBELL	1420H621751
71	4301331332	EDWARDS 3-10B1	SWSW-10-2S-1W	DUCHESNE	BLUEBELL	
72	4301331333	SUNDANCE 4-15A2	SWNE-15-1S-2W	DUCHESNE	BLUEBELL	
73	4301331334	LORANGER 6-22A2	SWSW-22-1S-2W	DUCHESNE	BLUEBELL	
4	4301331335	COX 2-36A2	NWNW-36-1S-2W	DUCHESNE	BLUEBELL	
75	4301331338	SMITH 2-6C5	SESW-6-3S-5W	DUCHESNE	ALTAMONT	1420H622388 / UTU70553
76	4301331341	FRESTON 2-7B1	SENE-7-2S-1W	DUCHESNE	BLUEBELL	1420H621970 / 9686
77	4301331356	PEARSON 2-11B2	SENE-11-2S-2W	DUCHESNE	BLUEBELL	
78	4301331378	CHAPMAN 2-4B2	SWNW-4-2S-2W	DUCHESNE	BLUEBELL	
79	4301331390	LAMB 2-16A2	NENE-16-1S-2W	DUCHESNE	BLUEBELL	
80	4301331393	LABRUM 2-23A2	SWSW-23-1S-2W	DUCHESNE	BLUEBELL	
81	4301331820	POWELL 2-16B1	NENE-16-2S-1W	DUCHESNE	BLUEBELL	

DEVON ENERGY PRODUCTION COMPANY, L.P. UTAH PROPERTIES

						LEASE NO./
	API NO.	WELL NAME & NO.	LOCATION	COUNTY	FIELD NAME	AGREEMENT NO.
82	4304730164	ROBERTSON UTE ST 1-12B1	SWNE-12-2S-1W	UNITAH	BLUEBELL	96101
83	4304730176	MAY UTE FEDERAL 1-13B1	NWSE-13-2S-1W	UNITAH	BLUEBELL	NW673
84	4304731981	COOK 1-26B1	SWSW-26-2S-1W	UNITAH	BLUEBELL	UTU68998
85	4304732178	CHRISTIANSEN 2-12B1	SWSE-12-2S-1W	UNITAH	BLUEBELL	96101
86	4304732351	BALLARD 2-15B1	SENE-15-2S-1W	UNITAH	BLUEBELL	
87	4304732744	RICH 2-13B1	NWNW-13-2S-1W	UNITAH	BLUEBELL	NW673
88	4301320255	SWD 4-11A2	NWNW-11-1S-2W	DUCHESNE	BLUEBELL	96107
89	4301330021	SWD 1-3A2	SESE-3-1S-2W	DUCHESNE	BLUEBELL	
90	4301330346	SWD 2-28A2	NWSE-28-1S-2W	DUCHESNE	BLUEBELL	
91	4301330367	SWD 2-10B1	NWNW-10-2S-1W	DUCHESNE	BLUEBELL	
92	4301330389	SWD 2-26A2	NESW-26-1S-2W	DUCHESNE	BLUEBELL	
93	4301330388	SWD 2-17C5	SENE-17-3S-5W	DUCHESNE	BLUEBELL	

RECEIVED

APR 20 2000

DIVISION OF OIL, GAS AND MINING

Division of Oil, Gas and Mining

OPERATOR CHANGE WORKSHEET

ROUTING

1. GLH
2. CDW V
5-\$1/7
3. JLT
6-FILE

Enter date after each listed item is completed

Change of Operator (Well Sold)

Designation of Agent

Operator Name Change (Only)

X Merger

The operator of the well(s) listed below ha	as changed, effective:	
EDOM. (OLLO		TO
FROM: (Old Operator):	j	TO: (New Operator):
PENNZOIL COMPANY		DEVON ENERGY EXPL & PROD CO LP
Address: P. O. BOX 290		Address: 20 NORTH BROADWAY STE 1500
NEOLA, UT 84053		OKLAHOMA CITY, OK 73102-8260
Phone: 1-(435)-353-4121		Phone: 1-(405)-235-3611
Account No. N0705		Account N1275

CA No.

Unit:

WELL(S)

		API	ENTITY	SEC. TWN	LEASE	WELL	WELL
NAME		NO.	NO.	RNG	TYPE	TYPE	STATUS
CHASEL 1-18A1	CA (9628)	43-013-30030	5805	18-01S-01W	FEE	OW	P
STATE 3-18A1	CA (9C142)	43-013-30369	5810	18-01S-01W	FEE	OW	P
MCELPRANG 2-30A1	CA (NW625)	43-013-31326	11252	30-01S-01W	FEE	OW	P
VIRGIL MECHAM 1-11A2	CA (96107)	43-013-30009	5760	11-01S-02W	FEE	GW	P
BOREN 3-11A2	CA (96107)	43-013-31192	5472	11-01S-02W	FEE	OW	P
OLSEN 1-12A2	CA (UTU77363)	43-013-30031	5880	12-01S-02W	FEE	OW	S
BOREN 1-14A2	CA (NW498)	43-013-30035	5885	14-01S-02W	FEE	OW	P
CORNBY 2-14A2	CA (NW498)	43-013-31299	11228	14-01S-02W	FEE	OW	P
MITCHELL 2-4B1	CA (9662)	43-013-31317	11231	04-02S-01W	FEE	OW	P
ROBERTSON UTE 2-2B2	CA (9682)	43-013-30921	5472	02-02S-02W	FEE	OW	P
MARGUERITE 2-8B2	CA (96102)	43-013-30807	2303	08-02S-02W	FEE	OW	S
SHERMAN 2-12B2	CA (9690)	43-013-31238	11009	12-02S-02W	FEE	OW	P
MILES 7-7B3	CA (9675)	43-013-31245	11025	07-02S-03W	FEE	OW	S
CUDICTIANICEN 2 12D1	CA (0(101)	42.047.32170	11250	12 020 0111	EEE	OW	D
CHRISTIANSEN 2-12B1	CA (96101)	43-047-32178	11350	12-02S-01W	FEE	OW	P
ROBERTSON UTE ST 1-12B1	CA (96101)	43-047-30164	5475	12-02S-01W	FEE	OW	S
MAY UTE FEDERAL 1-3B1	CA (9675)	43-047-30176	5435	13-02S-01W	FEE	OW	P
RICH 2-13B1	CA (9675)	43-047-32744	12046	13-02S-01W	FEE	OW	P
						 	
	- 		 	1		1	

OPERATOR CHANGES DOCUMENTATION

1. (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on:

04/20/2000

2. (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on:

04/20/2000

3. The new company has been checked through the Department of Commerce, Division of Corporations Database on:

10/12/2000

4.	Is the new operator registered in the State of Utah: YES Business Number: 4549132-0143
5.	If NO, the operator was contacted contacted on:
6.	Federal and Indian Lease Wells: The BLM and or the BIA has approved the (merger, name change, or operator change for all wells listed on Federal or Indian leases on:
7.	Federal and Indian Units: The BLM or BIA has approved the successor of unit operator for wells listed on: N/A
8.	Federal and Indian Communization Agreements ("CA"): The BLM or the BIA has approved the operator change for all wells listed involved in a CA on: N/A
9.	Underground Injection Control ("UIC") Pro: The Division has approved UIC Form 5, Transfer of Authority to Inject, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: N/A
D 2	ATA ENTRY: Changes entered in the Oil and Gas Database on: 11/22/2000
2.	Changes have been entered on the Monthly Operator Change Spread Sheet on: 11/22/2000
3.	Bond information entered in RBDMS on: 11/22/2000
4.	Fee wells attached to bond in RBDMS on: 11/22/2000
ST	ATE BOND VERIFICATION:
1.	State well(s) covered by Bond No.: N/A
	CE WELLS - BOND VERIFICATION/LEASE INTEREST OWNER NOTIFICATION: (R649-3-1) The NEW operator of any fee well(s) listed has furnished a bond: 71S100753026-70
	The FORMER operator has requested a release of liability from their bond on: N/A The Division sent response by letter on: N/A
3.	(R649-2-10) The FORMER operator of the Fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: 11/26/2000
	LMING: All attachments to this form have been MICROFILMED on: 2.000
	LING: ORIGINALS/COPIES of all attachments pertaining to each individual well have been filled in each well file on:
CC	DMMENTS:
_	

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING

SUNDRY NOTICES AND REPO Do not use this form for proposals to drill or de	FEE		
Use "APPLICATION FOR PERMI		S. If Indian, Allottee or Tri	nalue walue
SUBMIT IN 1	Į.	7. If unit or CA, Agraemen	t Designation
1. Type of Well		CA NW6	73
X Oil Well Gas well Other	18	3. Well Name and No.	
2. Name of Operator		RICH 2-1	13B1
DEVON ENERGY PRODUCTION COMPAN	(Y, L.C.	I. API Well No.	
3. Address and Telephone No. P. O. BOX 290 NEOLA, UTAH 84053	435-353-4121	43 047 3	
4. Location of Well (Footage, Sec., T., R., M., or Survey Description)	100 000-1121	O. Field and Pool, or Explo BLUEBE	
738' FNL 1063 FWL Section 13 T2S R		1. County or Parish, State UINTAH,	
12 CHECK APPROPRIATE BOX(s) TO INDIC	ATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
TYPE OF SUBMISSION	TYPE OF ACTION		
Notice of Intent	Abandonment	Ch	ange of Plans
	Recompletion	Ne	w Construction
X Subsequent Report	Plugging Back	No	n-Routine Fracturing
	X Casing repair	Wa	eter Shut-off
Final Abandonment Notice	Altering Casing	Co	nversion to Injection
	Other	Dis	pose Water
		(Note: Report result	s of multiple completion on Well
13. Describe Proposed or Completed Operations (Clearly state all pertinent detail	s, and give pertinent dates, including estimated date of starting any proposed work. If well is directically	Completion or Recor	noletion Report and Log form.)
drilled, give subsurface locations and measured and true vertical depi			
The following work as done from 9-11-00	O to 10-11-00		
Moved rig in for routine rod part or pump			
Pulled rods, released tubing anchor, unable	le to pull tubing. tubing parted at 7850', marks on tubing indicates collapsed casing.		والمراجع المناف
Swedged, rolled and milled casing at 786			
Fished swedge and tubing.			•
Ran 61 jts 5" 18# P-110 tieback liner fr Cemented the liner with 200 sks cement	om the top of the original liner at 9171' to 6625' with a liner hanger with a pack	off.	
	in the liner float collar and shoe. Pressure tested to 1500 psi.		
Ran production equipment and returned to			
A Danaha waife that the face of a large			========
Signed Craig Good/fich	Title Production Foreman	Date	10/13/2000
(This space of Federal or State office use.)			
Approved by	Title	Date	
Conditions of approval, if any:			
			
tle 18 U.S.C. Section 1001, makes it a crime for any person knowingly to make t	o any department of the United States any false, fictitious or fraudulent statements or representations as		

STATE OF UTAH

DEPARTMENT OF NATURAL RESOURCES

DIVISION OF OIL, GAS AND MINING	5. LEASE DESIGNATION AND SERIAL NUMBER:
SUNDRY NOTICES AND REPORTS ON WELLS	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.	7. UNIT OF CA AGREEMENT NAME: CA NW673
1. TYPE OF WELL OIL WELL GAS WELL OTHER	8. WELL NAME and NUMBER: RICH 2-13B1
2. NAME OF OPERATOR: DEVON ENERGY PRODUCTION COMPANY, L.P.	9. API NUMBER: 4304732744
3. ADDRESS OF OPERATOR: P.O. BOX 290 CITY NEOLA STATE UT ZIP 84053 PHONE NUMBER: (435) 353-4121	10. FIELD AND POOL, OR WILDCAT: BLUEBELL/LGR-WASATCH
4. LOCATION OF WELL FOOTAGES AT SURFACE: 738' FNL 1063' FWL	COUNTY: UINTAH
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NWNW 13 2S 1W	STATE: UTAH
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPOR	RT, OR OTHER DATA
TYPE OF SUBMISSION ACIDIZE NOTICE OF INTENT (Submit in Duplicate) ALTER CASING Approximate date work will start: CASING REPAIR CASING REPAIR NEW CONSTRUCTION CHANGE TO PREVIOUS PLANS OPERATOR CHANGE CHANGE TUBING PLUG AND ABANDON CHANGE WELL NAME PLUG BACK CHANGE WELL STATUS PRODUCTION (START/RESUME) COMMINGLE PRODUCING FORMATIONS RECLAMATION OF WELL SITE CONVERT WELL TYPE RECOMPLETE - DIFFERENT FORMATION 12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes MIRU, PULL PRODUCTION TUBING, MAKE A MILL RUN TO 11,700'.	REPERFORATE CURRENT FORMATION SIDETRACK TO REPAIR WELL TEMPORARILY ABANDON TUBING REPAIR VENT OR FLARE WATER DISPOSAL WATER SHUT-OFF OTHER:
SET A ONE-WAY CIBP AT 11,000'. PERFORATE UPPER WASATCH 9518-10936', 54 INTERVALS, 266', 314 HOLES WITH 3 1 SET PACKER AT 9425', SWAB TEST ACIDIZE WITH 13000 GALS 15% HCL WITH ADDITIVES AND 345 BALLS FOR DIVERSIO SWAB TEST ISOLATE THE WASATCH PERFORATIONS WITH A 5" PLUG SET AT 9400'. PERFORATE THE LOWER GREEN RIVER INTERVAL 8472-9322', 31 INTERVALS, 184', 1 GRAM POWERPAKS. SET PACKER AT 8375', SWAB TEST. ACIDIZE WITH 9200 GALS 15% HCL WITH ADDITIVES AND 195 BALLS FOR DIVERSION SWAB TEST. PULL PLUG AT 9400'. PLIT ON PRODUCTION ERCANCES OF AMERICAN PROPERTY.	N. 84 HOLES WITH 3 3/8" 22
PULL PLUG AT 9400', PUT ON PRODUCTION FROM TOP TGR-3 IS AT 8470'. OF UTAH DIVISION OF OIL, GAS, AND MINING DATE: ONLY OF UTAH DIVISION OF OIL, GAS, AND MINING	6-12-01 CHE DOGEN
NAME (PLEASE PRINT) JOHN PULLEY BY: TITLE SR. OPERATIONS	S ENGINEER
SIGNATURE DATE 6/8/2001	
(This space for State use only)	

DEVON ENERGY PRODUCTION COMPANY, L.P. WORKOVER PROCEDURE 2001 RICH 2-13B1 BLUEBELL/ALTAMONT FIELD UINTAH COUNTY, UTAH

OBJECTIVE:

Isolate the existing Wasatch perforations with a one-way bridge plug. Perforate and acidize additional Upper Wasatch 9518-10928' and Lower Green River 8472-9322'. Return to production commingled with the current production via the one-way plug.

DISCUSSION:

The Rich 2-13B1 was completed in September 1996 from the lower part of the Wasatch flowing 2MMCFGPD, 80 BOPD and 10-20 BWPD from perforations 12,097-12415'. In December 1997, after the production had declined, additional Lower Wasatch perforations 11,714-12,032' were added and acidized with no additional contribution to production. In March 1997 additional Wasatch perforations 11,032-11,678' were added and acidized with a production increase from 30 BOPD to 350 BOPD. Current production is 40 BOPD, 130 BWPD and 120 MCFGPD. Cumulative production through March 2001 is 114.3 MBO, 145 MBW and 488 MMCFG.

In September 2000 the well quit pumping. The casing had collapsed at 7850'. The tubing strings were fished out of the wellbore, the collapsed interval was swaged and milled out and a 5" 18# liner tied back from the original liner top at 9171' to 6625'. The well bore was cleaned out and the well put back on pump with the same production rate as before the workover. A review of the original bond log showed poor bonding through the interval 7700 to 8130'. A bond log ran after the liner was tied back showed poor bonding from 7820 to 7870'. See the well history for detail on the casing repair and liner job.

The well has numerous shows from 9500 to 11000'. The mud weight was increased from 9.6 lb/gal to 12.8 lb/gal at 9648' to control a kick while drilling. The finder database assigned 369 MBO fringe and 238 MBO potential (unrisked) to the proposed Wasatch interval. The Lower Green River interval has 80 MBO fringe and 30 MBO potential unrisked reserves assigned on the finder data base. The interval was drill with 9.2 to 9.6 ppg mud and has 11 shows with 3-5' flares noted on two of the shows.

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Although the well is still economical to produce, the collapsed casing at 7850' and the indication of poor bonding across the repaired interval behind the tieback liner may put this wellbore at risk. The amount of un-perforated Wasatch and Lower Green River represents considerable behind pipe reserves. The well has a Rotaflex 900 pumping unit which is capable of handling more production.

WELL DATA:

API Number

43-047-32744

Completion Date:

10-96

Total Depth:

12500'

PBTD

12,475'

Casing Program:

Surface:

9 5/8" 36# K-55 at 2409'

Intermediate:

7" 23# S-95/P-110 at 9442'

Liner:

5" 18# P-110 6625'-12497'.

Pumping Unit:

Rotaflex 900

WELL HISTORY:

09-20-96	Cleaned out to 12,475' (12,480' by CBL)
----------	---

09-21-96 Ran cement bond log with the following results:

Surf	to	1200'	Free pipe
1200'	to	2300'	Poor bond
2300'	to	2400'	Fair bond
2400'	to	4000'	Poor to fair bond
4000'	to	6770'	Fair to good bond
6770'	to	7000'	Free pipe
7000'	to	7700'	Good bond
7700'	to	8150'	Fair bond
8150'	to	9200'	Very good bond
9200'	to	9450'	Poor to fair bonding (liner lap)
9450'	to	12,480'	Very good bonding

Perforated Stage 1A of Wasatch 12,097-12,415' (26 intervals, 130', 260 09-22-96

holes), set an Arrow Pak packer at 11,948'.

Acidized 12,097-12,415' with 13,000 g 15% HCL. Had complete ball-out. 09-24-96

09-28-96	While replacing tree, set blanking plug in 1.87" F nipple in tailpipe of packer at 11,948'. After replacing tree, could not retrieve blanking plug. Cut off 2-3/8" tailpipe with plug in F nipple. Left 2-3/8' x 2.5' fish on bottom at approximately 12,475'.		
10-01-96	Ran production log across perfs 12,097-12,415:		
	12,106-12,110' 6% of gas entry 12,136-12,140' 13% of gas entry 12,179-12,188' 80% of gas entry		
12-04-96	Removed 5" Arrow Pak packer at 11,948'.		
12-04-96	Set 5" Arrow Pak packer at 12,425' as bottom straddle packer.		
12-05-96	Set 5" Arrow Set 1 packer at 11,948' as upper straddle packer (2-3/8" tbg connected the two packers to seal off Stage 1A perfs). Packers would not		
12-06-96	pressure test. Removed both straddle packers described above.		
12-07-96	Set a new 5' Mountain States Arrow Pak packer at 12,427' as the bottom straddle packer. Set a new 5" Arrow Set 1 packer at 12,068' as the upper straddle packer with 2-3/8" tbg connecting the two packers. Still would not pressure test. Set 2-3/8" CIBP at 12,415' (in the tbg connecting the two packers) to isolate the bottom packer. Tested upper packer to 2500 psi, held OK.		
12-09-96	Perforated Stage 1B Wasatch 11,714-12,032' (27 intervals, 122', 244 holes).		
12-09-96	Set 5" Mountain States Arrow Pak packer at 11,570' for production.		
12-11-96	Acidized 11,714-12,032' with 12,200 g 15% HCL. Had complete ball-out.		
12-15-96	Ran a Scanalog, found all perforations treated with acid.		
12-16-96.1	Ran production log across perforations 11,714-12,032'. Found that upper straddle packer had moved uphole 38' to 12,032'. Most of the production coming from Stage 1A perforations via leaking straddle packer.		
02-25-97	Ran gauges in hole to determine flowing BHP. Could not get below 11,346' due to unidentified obstruction in 2-7/8" tbg. BHFP at 11,200' = 990 psi (54/64" choke, 275 psi surface pressure, 722 MCFG, 30 BO, 18 BW, 24 hrs)		

3

03-01-97	Fished 5' Mountain States Arrow Pak packer at 11,570'. Packer stuck due to scale.	
03-06-97	Fished 5" Mountain States Arrow Set packer (with 11 jts tailpipe) at 12,068'. Packer struck due to scale. DID NOT ATTEMPT TO RECOVER 5" ARROW PAK PACKER AT 12,427'.	
03-10-97	Treated perfs 11,714-12,415' with 13,200 g 28% HCL to remove scale.	
03-12-97	Treated perfs 11,714-12,415' with 10,000 g water with scale inhibitor.	
03-13-97	Set 5" Mountain States modified PDQ-X CIBP at 11,696'. This type of plug holds from above but not from below (one way ball & seat arrangement).	
03-14-97	Perforated additional Wasatch pay 11032-11678 (33 intervals, 184', 368 holes).	
03-14-97	Set 5" Mountain States Arrow Pak packer (with glass disk) at 10,860'. Packer would not hold.	
03-16-97	Set another 5" Mountain States Arrow Pak packer (with glass disk) at 9380'. Packer would not hold.	
03-23-97	Recovered 5" Arrow Pak packer at 9380'. Subsequent analysis of packer revealed a manufacturing defect.	
03-24-97	Recovered 5" Arrow Pak packer at 10,860'. Subsequent analysis of packer revealed a manufacturing defect.	
03-24-97	Set 5" Baker Retrievamatic packer at 10,035'.	
03-27-97	Ran production logs across perfs 11032-11678':	
	11140-11153' 11640-11646' 11650-11655 11672-11678 Below one way plug at 11698	Major gas entry Major oil entry Major oil entry Minor oil entry Major water entry, minor oil entry
03-31-97	Acidized 11032-11678 with 1840 slight to moderate of	0 g 15% HCL w/ RA tag. Observed liversion.

RICH 2-13B1 2001 WORKOVER PROCEDURE

04-04-97	Well flowing at 400 bopd, 5 bwpd, 370 mcfd on a 12/64" ck, 1120 psi FTP Ran production logs. GR indicated good coverage from acid job.:		
	11,140-11,173' 11,605-11,614' 11,640-11,646' 11,650-11,655' 11,667-11,678'	Major gas entry Minor oil entry (approx. 8% of total) Minor oil entry (approx. 16%) w/ water Minor oil entry (approx. 11%) w/ water Major oil entry (approx. 65%)	
	Choke was increased to a 19/64" and oil entry increased from perfs 11,640-46' & 11,650-55' and decreased from perfs at 11,667-78'.		
08-01-97	Pulled tubing and Baker Retrievamatic packer.		
08-02-97	Ran 2 7/8" 6.5# EUE 8rd tubing with Arrow gas separator assembly. Set anchor at 9076' with PSN at 9006'.		
08-03-97	Ran "87" rod detail (106 new 1" Norris 97 & 251 new 7/8" Norris 97 rods) with 1-3/4" pump.		
08-04-97	Placed on pump with Rotaflex 900 unit.		
03-21-98	Laid down Arrow gas anchor, ran 2 7/8" anchor with 1 ½" dip tube.		
09-11-0	Moved in a workover rig after the well quit producing.		
09-13-0	Released anchor, unable to pull tubing, worked tubing, parted at 7846'. The marks on the tubing indicated collapsed casing.		
09-14-0	Swaged with a 3 1/4" swage, TOH, lost swage in the hole.		
09-23-0	Finished swaging casing out to 6.25", rolled casing with a 6.25" roller.		
09-24-0	Milled the bad casing from 7868 to 7870' with a 6.25" string mill.		
09-28-0	Fished 3.25" swage lost in the hole.		
09-29-0	Fished tubing and BHA left in the hole		
09-30-0	Set a RBP on wireline at 9500', dumped 25' sand on top of plug. Run a Arrow liner top dressing assembly, dressed the liner top and tieback sleeve. Pulled over in tight casing at 7860-80'.		
10-01-0	Ran 6.25" string mill and milled on tight spot from 7868-7872'.		

5

RICH 2-13B1 2001 WORKOVER PROCEDURE

10-02-0	TOH with string mill, ran a 5" 18# P-110 liner back to 6625', cemented with 200 sks cement.
10-05-0	Drilled out to liner top, tested to 1500 psi.
10-06-0	Drilled out liner top, float collar and shoe jt, circulated sand off of RBP at 9500'
10-07-0	Ran a cement bond log from 9494-6500'. Generally fair to poor bond across the liner with no bond from 7840-7868'.
10-08-00	Pulled the RBP at 9500'
10-10-0	Returned to production.

PROCEDURE:

- 1. MIRU workover rig with power swivel, pump and tank. Pull test the deadmen if they have not been tested within one year.
- 2. Pull and lay down the rods, pull tubing.
- 3. TIH with a 4 1/8" mill to the top of the one-way at 11,700'. TOH.
- 4. Run and set a one-way CIBP at 11,000'. Fill casing and test to 1000 psi.
- 5. Rig up wireline equipment with grease for pressure control. Perforate the Wasatch interval 9518-10936', 54 intervals, 266', 314 holes with 3 1/8" HSC 11 gram charges, EHD 0.36" TTP 13". Monitor surface pressure while perforating.
- 6. If the well pressures up while perforating run a wireline set, tubing retrievable packer in the hole with a 10' tubing sub and 6000 psi glass disk sub. Set the packer at 9425'. Bleed off the pressure, TIH with 2 7/8" tubing hydrotesting to 9000 psi on TIH. Latch onto or sting into the packer. Land the 2 7/8" tubing string, install a back-pressure valve and run the sidestring open ended. Land both strings and set a dual wellhead from inventory. Pressure the tubing to balance the pressure when the packer was set, RIH and break the glass disk. Based on the drilling report the pressure should be approximately 2200 psi after perforating.
- 7. If deemed necessary acidize the perforations 9518-10396' with 13,000 gals 15% HCL with additives and 345 balls for diversion. Limit the treating pressure not to exceed 10,000 psi differential across the plug at 11,000'.

Control of the space of

8. Flow or swab back.

STAGE 2, LOWER GREEN RIVER 8472-9322

- 9. Isolate the Wasatch perforations with a 5" one-way plug set at 9400'.
- 10. Fill and test the casing to 1000 psi. Peforate the Lower Green River interval 8472-9322', 31 intervals, 184', 184 holes with 3 3/8" 22 gram Powerpak charges, EHD .59", TTP 19". This total interval is in the tieback liner lap.
- 11. TIH with a treating packer, set the packer at 8375'. Fill and test the annulus to 1000 psi.
- 12. Swab test, collect an oil and water sample for the treating company.
- 13. Acidize the perforations 8472-9322 with 9200 gals 15% HCL with additives and 195 7/8" 1.3 SG balls for diversion. Treat at the maximum rate limiting the treating pressure not to exceed 10,000 psi differential across the one-way at 9400'.
- 14. Swab back
- 15. Return the well to production.

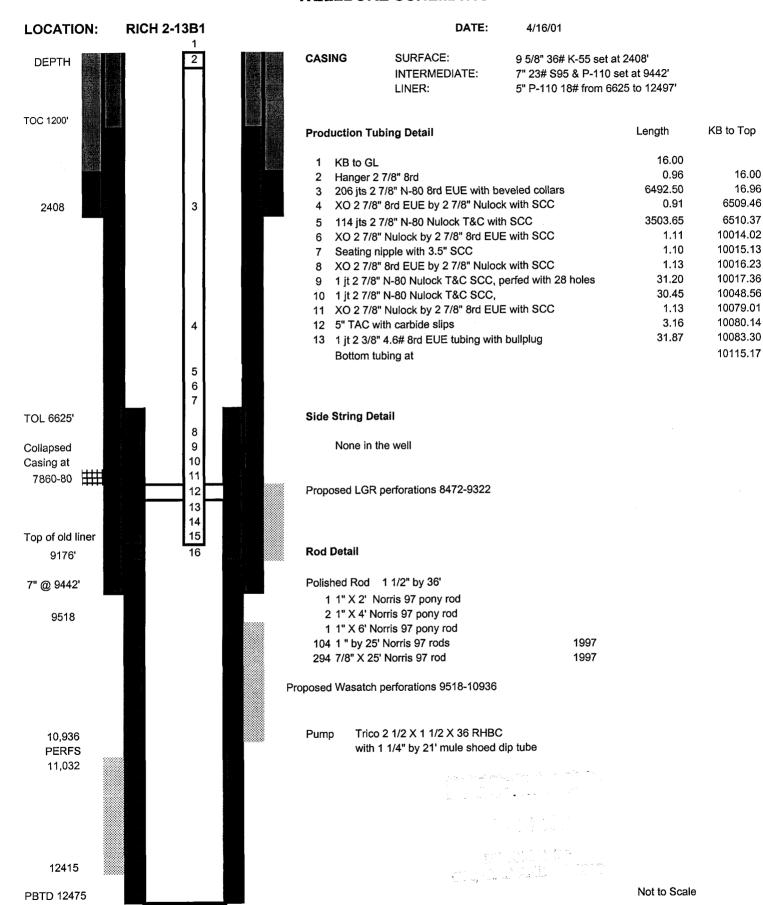
John Pulley 05-04-01



WELLBORE SCHEMATIC

16.00

16.96



RICH 2-13B1 PROPOSED UPPER WASATCH PERFORATIONS.

No.	Perfo	rated	Interval	Feet	SPF	Holes	CBL Depth	Comments	Correction
1	9518	to	9530	12	1	12	9528	GR/RES, 10 MBO FRINGE	10
2	9535	to	9540	5	1	5	9544	GR/RES	9
3	9586	to	9598	12	1	12	9595	GR/RES	9
4	9604	to	9608	4	1	4	9613	GR/RES, SHOW, 75MBO POTENTIAL	9
5	9618	to	9622	4	1	4	9627	GR/RES, SHOW, 5 MBO POTENTIAL, 30' FLARE	9
6	9663	to	9665	2	2	4	9672	GR/RES, 20 MBO POTENTIAL	9
7	9668	to	9672	4	1	4	9677	GR/RES	9
8	9720	to	9726	6	1	6	9728	GR/RES, SHOW	8
9	9734	to	9738	4	1	4	9742	GR/RES	8
10	9746	to	9750	4	1	4	9754	GR/RES	8
11	9754	to	9762	8	1	8	9762	GR/RES, SHOW, 17 MBO FRINGE	8
12	9782	to	9786	4	1	4	9790	GR/RES, SHOW,30 MBO POTENTIAL, 10-15' FLARE	8
13	9818	to	9824	6	1	6	9826	GR/RES, SHOW, 10-15' FLARE	8
14	9826	to	9832	6	1	6	9834	GR/RES	8
15	9836	to	9838	2	2	4	9844	GR/RES	8
16	9840	to	9846	6	1	6	9848	GR/RES	8
17	9852	to	9856	4	1	4	9860	GR/RES, 40 MBO FRINGE	8
18	9868	to	9876	8	1	8	9876	GR/RES, SHOW, 15 MBO FRINGE	8
19	9880	to	9884	4	1	4	9888	GR/RES	8
20	9888	to	9892	4	1	4	9896	GR/RES, 50 MBO POTENTIAL	8
21	9898	to	9912	14	1	14	9906	GR/RES	8
22	9920	to	9922	2	2	4	9928	GR/RES,SHOW, 10 MBO FRINGE	8
23	9927	to	9929	2	2	4	9935	GR/RE	8
24	9934	to	9936	2	2	4	9942	GR/RES	8
25	9942	to	9945	3	2	6	9950	GR/RES, SHOW, 4 MBO FRINGE	8
26	9950	to	9957	7	1	7	9958	GR/RES	8
27	9964	to	9966	2 4	2	4 4	9972	GR/RES, SHOW, 20 MBO FRINGE	8
28 29	9970 9978	to	9974 9980	2	1 2	4	9978	GR/RES	8
30	9985	to to	9987	2	2	4	9986	GR/RES GR/RES	8
31	10030	to	10032	2	2	4	9993		8
32	10030	to	10032	8	1	8		GR/RES, SHOW, 10 MBO FRINGE	8 8
33	10086	to	10074	2	2	4		GR/RES, SHOW, 8 MBO POTENTIAL GR/RES	8
34	10098	to	10102	4	1	4		GR/RES, 40 MBO FRINGE	8
35	10143	to	10145	2	2	4		GR/RES, 5 MBO FRINGE	8
36	10152	to	10154	2	2	4		GR/RES	8
37	10168	to	10170	2	2	4		GR/RES	9
38	10182	to	10190	8	1	8		GR/RES, 10 MBO POTENTIAL	8
39	10271	to	10278	7	1	7		GR/RES, SHOW, 10 MBO FRINGE	8
40	10306	to	10308	2	2	4		GR/RES, SHOW, 20 MBO FRINGE	8
41	10312	to	10314	2	2	4		GR/RES	8
42	10318	to	10328	10	1	10		GR/RES, SHOW, 15 MBO FRINGE	8
43	10336	to	10338	2	2	4		GR/RES, SHOW, 5 MBO FRINGE	9
44	10402	to	10406	4	1	4		GR/RES, SHOW, 20 MBO POTENTIAL	7
45	10508	to	10510	2	2	4		GR/RES	6
46	10531	to	10534	3	2	6		GR/RES, 20 MBO POTENTIAL	5
47	10612	to	10620	8	1	8		GR/RES	6
48	10632	to	10640	8	2	16		GR/RES, SHOW,8 MBO FRINGE	6
49	10668	to	10672	4	1	4		GR/RES, SHOW, 10 MBO FRINGE	6
50	10714	to	10721	7	1	7		GR/RES, SHOW, 10 MBO FRINGE	4
51	10786	to	10792	6	1	6		GR/RES, SHOW	8
52	10818	to	10824	6	1	6		GR/RES, SHOW, 20 MBO FRINGE	6
53	10852	to	10860	8	1	8		GR/RES, SHOW, 20 MBO FRINGE	6
54	10928	to	10936	8	1	8	10934	GR/RES, 15 MBO FRINGE	6

Number of Intervals	54
Net Feet of Perforations	266
Number of Holes	314

Correlated to Gamma Ray on the Halliburton High Resolution Induction Log dated 7-31-96 & 9-2-96 CBL log depth correlated to OWP Acoustic Cement Bond Log dated 9-21-96 Note on the correlation the open hole log was sticking and dragging which accounts for the variance in the correction. The bond log perforations were tied to the corresponding gamma ray on the open hole log.

RICH 2-13B1 PROPOSED LOWER GREEN RIVER PERFORATIONS.

No.	Perfor	ated I	nterval	Feet	SPF	Holes	CBL Depth		
1	8472	to	8478	6	1	6	8478	GR/RES, 30 MBO FRINGE	6
2	8486	to	8492	6	1	6	8492	GR/RES	6
3	8504	to	8520	16	1	16	8510	GR/RES	6
4	8528	to	8536	8	1	8	8534	GR/RES	6
5	8546	to	8550	4	1	4	8552	GR/RES	6
6	8568	to	8572	4	1	4	8574	GR/RES	6
7	8602	to	8620	18	1	18	8608	GR/RES, SHOW, 30 MBO POTENTIAL	6
8	8650	to	8660	10	1	10	8656	GR/RES	6
9	8728	to	8732	4	1	. 4	8734	GR/RES, SHOW	6
10	8736	to	8740	4	1	4	8742	GR/RES, SHOW	6
11	8747	to	8752	5	1	5	8753	GR/RES, SHOW	6
12	8758	to	8763	5	1	5	8764	GR/RES	6
13	8822	to	8826	4	1	4	8828	GR/RES, SHOW	6
14	8850	to	8854	4	1	4	8856	GR/RES, SHOW	6
15	8860	to	8864	4	1	4	8866	GR/RES	6
16	8884	to	8890	6	1	6	8890	GR/RES, SHOW, 5' FLARE	6
17	8916	to	8918	2	1	2	8922	GR/RES, SHOW	6
18	9012	to	9018	6	1	6	9018	GR/RES	6
19	9026	to	9030	4	1	4	9032	GR/RES	6
20	9060	to	9066	6	1	6	9066	GR/RES	6
21	9068	to	9072	4	1	4	9074	GR/RES, SHOW	6
22	9076	to	9080	4	1	4	9082	GR/RES, SHOW	6
23	9090	to	9094	4	1	4	9096	GR/RES	6
24	9114	to	9120	6	1	6	9120	GR/RES	6
25	9130	to	9138	8	1	8	9137	GR/RES, SHOW, 50 MBO FRINGE	7
26	9170	to	9178	8	1	8	9177	GR/RES, SHOW	7
27	9194	to	9200	6	1	6	9202	GR/RES	8
28	9212	to	9218	6	1	6	9220	GR/RES, SHOW	8
29	9304	to	9308	4	1	4	9312	GR/RES, SHOW	8
30	9310	to	9314	4	1	4	9318	GR/RES, SHOW	8
31	9318	to	9322	4	1	4	9326	GR/RES	8

Number of Intervals	31
Net Feet of Perforations	184
Number of Holes	184

Correlated to Gamma Ray on the Halliburton High Resolution Induction Log dated 7-31-96 & 9-2-96 CBL log depth correlated to OWP Acoustic Cement Bond Log dated 10-07-2001 ran after the liner was tied back in 2001



STATE OF UTAH

DEPARTMENT OF NATURAL RESOURCES

		DIVISION OF OIL, GAS AND MI			5. LEASE DESIGNATION AND SERIAL NUMBER:
	SUNDRY	Y NOTICES AND REPORTS	S ON WELI		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
Do no	ot use this form for proposals to drill r drill horizontal la	new wells, significantly deepen existing wells below cur aterals. Use APPLICATION FOR PERMIT TO DRILL I	rrent bottom-hole depth form for such proposals	ı, reenter plugged wells, or to s.	7. UNIT OF CA AGREEMENT NAME: CA NW673
1. TYF	OIL WELL	GAS WELL OTHER_			8. WELL NAME and NUMBER: RICH 2-13B1
	ME OF OPERATOR: VON ENERGY PRODI	UCTION COMPANY, L.P.	<u></u>		9. API NUMBER: 4304732744
	DRESS OF OPERATOR: O. BOX 290	Y NEOLA STATE UT ZIP		PHONE NUMBER: (435) 353-4121	10. FIELD AND POOL, OR WILDCAT: BLUEBELL/LGR-WASATCH
FOO	CATION OF WELL DTAGES AT SURFACE: 738' F	NL 1063' FWL			COUNTY: UINTAH
QTF	R/QTR, SECTION, TOWNSHIP, RAN	NGE, MERIDIAN: NWNW 13 2S 1	IW 		STATE: UTAH
11.		ROPRIATE BOXES TO INDICAT			RT, OR OTHER DATA
<u>T</u>	YPE OF SUBMISSION			PE OF ACTION	
	NOTICE OF INTENT	ACIDIZE	DEEPEN		REPERFORATE CURRENT FORMATION
	(Submit in Duplicate)	ALTER CASING	FRACTURE T		SIDETRACK TO REPAIR WELL
,	Approximate date work will start:	CASING REPAIR	MEW CONSTR		TEMPORARILY ABANDON
_		CHANGE TO PREVIOUS PLANS	OPERATOR C	HANGE	TUBING REPAIR
_ `		CHANGE TUBING	PLUG AND AE	BANDON	VENT OR FLARE
	SUBSEQUENT REPORT (Submit Original Form Only)	CHANGE WELL NAME	PLUG BACK	•	WATER DISPOSAL
	Date of work completion:	CHANGE WELL STATUS	PRODUCTION	N (START/RESUME)	WATER SHUT-OFF
	·	COMMINGLE PRODUCING FORMATIONS	RECLAMATIC	ON OF WELL SITE	OTHER:
	8/10/2001	CONVERT WELL TYPE	RECOMPLETE	E - DIFFERENT FORMATION	
MIR SET PEF SET TIH ACII FLO	EU, PULL PRODUCTION A ONE-WAY CIBP A RFORATE UPPER WA 5" WIRE LINE PACK WITH 2 7/8" TUBING DIZE WITH 13000 GA W TESTED WELL	DMPLETED OPERATIONS. Clearly show all p ON TUBING, MAKE A MILL RUN AT 11,000', FILL AND TEST CASI ASATCH 9518-10936', 54 INTER' ASATCH 9518-10936', 54 INTER' ALS DISK A ALS 15% HCL WITH ADDITIVES ALOG, LOG PERFORATIONS 9,	TO 11,700'. ING TO 1,000 VALS, 266', 3' AT 9425'. AND 345 BAL	PSI. 14 HOLES WITH 3 .LS FOR DIVERSIO	3/8" POWER PAC.
				i.	SEP 0 5 2001
					DIVISION OF DIL, GAS AND MINING
NAME (PLEASE PRINT) GEORGE	GURR	TITLE	LEASE OPERAT	OR
0101147	rupe /	12	DATE	8/31/2001	

(This space for State use only)

	STATE OF UTAH		FORM 9		
	DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINI	NG	5.LEASE DESIGNATION AND SERIAL NUMBER: FEE		
SUNDF	RY NOTICES AND REPORTS O	N WELLS	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:		
	sals to drill new wells, significantly deepen ex gged wells, or to drill horizontal laterals. Use		7.UNIT or CA AGREEMENT NAME:		
1. TYPE OF WELL Oil Well			8. WELL NAME and NUMBER: RICH 2-13B1		
2. NAME OF OPERATOR: DEVON ENERGY PROD CO LP			9. API NUMBER: 43047327440000		
3. ADDRESS OF OPERATOR: P.O. Box 290 8345 North 512		NUMBER: 05 552-7883 Ext	9. FIELD and POOL or WILDCAT: BLUEBELL		
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0738 FNL 1063 FWL			COUNTY: UINTAH		
QTR/QTR, SECTION, TOWNSHI Qtr/Qtr: NWNW Section: 13	IP, RANGE, MERIDIAN: 3 Township: 02.0S Range: 01.0W Meridian: U	J	STATE: UTAH		
11. CHE	CK APPROPRIATE BOXES TO INDICATE	NATURE OF NOTICE, REPORT,	OR OTHER DATA		
TYPE OF SUBMISSION		TYPE OF ACTION			
	✓ ACIDIZE	ALTER CASING	CASING REPAIR		
NOTICE OF INTENT Approximate date work will start:	CHANGE TO PREVIOUS PLANS	CHANGE TUBING	CHANGE WELL NAME		
8/1/2011	☐ CHANGE WELL STATUS	COMMINGLE PRODUCING FORMATIONS	CONVERT WELL TYPE		
SUBSEQUENT REPORT	☐ DEEPEN ☐	FRACTURE TREAT	☐ NEW CONSTRUCTION		
Date of Work Completion:	OPERATOR CHANGE	PLUG AND ABANDON	☐ PLUG BACK		
	PRODUCTION START OR RESUME	RECLAMATION OF WELL SITE	✓ RECOMPLETE DIFFERENT FORMATION		
SPUD REPORT Date of Spud:	REPERFORATE CURRENT FORMATION	SIDETRACK TO REPAIR WELL	☐ TEMPORARY ABANDON		
	☐ TUBING REPAIR ☐	VENT OR FLARE	WATER DISPOSAL		
DRILLING REPORT	□ WATER SHUTOFF □	SI TA STATUS EXTENSION	APD EXTENSION		
Report Date:	☐ WILDCAT WELL DETERMINATION	7	OTHER:		
			<u></u>		
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. Recompletion will cleanout well, drill out two CIBP @ 11,000' & 11,696' and acidize existing perforations. An additional Lower Green River interval 8,472 - 9,312' will be perforated, acidized and tested. Well will be comingled and returned to production. Attachment: well history and procedure. Approved by the Utah Division of Oil, Gas and Mining					
			oate: 07/18/2011		
NAME (PLEASE PRINT) Deanna Bell	PHONE NUMBER 435 353-5780	TITLE Senior Field Technician			
SIGNATURE N/A		DATE 6/30/2011			

RICH 2-13B1, RECOMPLETION

DEVON ENERGY PRODUCTION COMPANY WORKOVER PROCEDURE

RICH 2-13B1 SECTION 13, T2S, R1W BLUEBELL/ALTAMONT FIELD UINTAH COUNTY, UTAH

OBJECTIVE:

Acidize existing perforations and perforate additional intervals in Lower Green River. Comingle and put well back on pump.

JUSTIFICATION:

The Rich 2-13B1 was originally completed in 1996 in the Wasatch with perforations from 11714' to 13415'. Additional perforations were added at 11032'-11678' in 1997 and 9518'-10936' in 2001. The well is currently producing at ~18 BOPD and ~40 MCFD.

This re-completion will clean out the well, including drilling out two one-way CIBP's, and the existing intervals will be acidized. An additional interval in the Lower Green River will be perforated from 8472'-9312', acidized and tested. The well will be comingled and put back on production.

WELL DATA:

API No. 43-047-32744

Completion Date: 10-96

Total Depth: 12500' PBTD 12,475'

Casing: 9 5/8" 36# K-55 at 2409'

7" 23# S-95/P-110 at 9442' 5" 18# P-110 9171' - 12497'. 5" 18# P-110 9171-6625' Collapsed casing at 7868-70

RICH 2-13B1, RECOMPLETION

Perforations:	12097-12415	1996
	11714-12032	1996
	11032-11678	1997
	9518-10936	2001

Other: One ways at 11696 & 11,000'

Fish on btm, 2.5' 2 3/8" tbg, Arrowpak packer

Pumping Unit: Rotaflex 900

WELL HISTORY:

09-20-96	Cleaned out to 12,475' (12,480' by CBL)
09-21-96	Ran cement bond log with the following results:

Surf	to	1200'	Free pipe
1200'	to	2300'	Poor bond
2300'	to	2400'	Fair bond
2400'	to	4000'	Poor to fair bond
4000'	to	6770'	Fair to good bond
6770'	to	7000'	Free pipe
7000'	to	7700'	Good bond
7700'	to	8150'	Fair bond
8150'	to	9200'	Very good bond
9200'	to	9450'	Poor to fair bonding
9450'	to	12,480'	Very good bonding

09-22-96 Perforated Stage 1A of Wasatch 12,097-12,415' (26 intervals, 130', 260 holes)

09-22-96 Set 5" Mountain States Arrow Pak packer at 11,948'

09-24-96 Acidized 12,097-12,415' with 13,000 g 15% HCL. Had complete ball-out.

- 09-28-96 While replacing tree, set blanking plug in 1.87" F nipple in tailpipe of packer at 11,948'. After replacing tree, could not retrieve blanking plug. Cut off 2-3/8" tailpipe with plug in F nipple. Left 2-3/8" x 2.5' fish on bottom at approximately 12,475'.
- 10-01-96 Ran production log across perfs 12,097-12,415:

12,106-12,110'	6% of gas entry
12,136-12,140'	13% of gas entry
12,179-12,188'	80% of gas entry

- 12-04-96 Removed 5" Arrow Pak packer at 11,948'
- 12-04-96 Set 5" Arrow Pak packer at 12,425' as bottom straddle packer.
- 12-05-96 Set 5" Arrow Set 1 packer at 11,948' as upper straddle packer (2-3/8" tbg connected the two packers to seal off Stage 1A perfs). Packers would not pressure test.
- 12-06-96 Removed both straddle packers described above.
- 12-07-96 Set a new 5' Mountain States Arrow Pak packer at 12,427' as the bottom straddle packer. Set a new 5" Arrow Set 1 packer at 12,068' as the upper straddle packer with 2-3/8" tbg connecting the two packers. Still would not pressure test. Set 2-3/8" CIBP at 12,415' (in the tbg connecting the two packers) to isolate the bottom packer. Tested upper packer to 2500 psi, held OK.
- 12-09-96 Perforated Stage 1B Wasatch 11,714-12,032' (27 intervals, 122', 244 holes).
- 12-09-96 Set 5" Mountain States Arrow Pak packer at 11,570' for production.
- 12-11-96 Acidized 11,714-12,032' with 12,200 g 15% HCL. Had complete ball-out.
- 12-15-96 Ran a Scanalog, found all perforations treated with acid.
- 12-16-96 Ran production log across perforations 11,714-12,032'. Found that upper straddle packer had moved up hole 38' to 12,032'. Most of the production coming from Stage 1A perforations via leaking straddle packer.
- 02-25-97 Ran gauges in hole to determine flowing BHP. Could not get below 11,346' due to unidentified obstruction in 2-7/8" tbg. BHFP at 11,200' = 990 psi (54/64" choke, 275 psi surface pressure, 722 MCFG, 30 BO, 18 BW, 24 hrs)

03-01-97	Fished 5' Mountain States Arrow Pak packer at 11,570'. <u>Packer stuck</u> due to scale.				
03-06-97 <u>5" AR</u>		Set packer (with 11 jts tailpipe) at ale. DID NOT ATTEMPT TO RECOVER			
03-10-97	Treated perfs 11,714-12,415' with	n 13,200 g 28% HCL to remove scale.			
03-12-97	Treated perfs 11,714-12,415' with	n 10,000 g water with scale inhibitor.			
03-13-97	Set 5" Mountain States modified plug holds from above but not fro arrangement).	PDQ-X CIBP at 11,696'. This type of m below (one way ball & seat			
03-14-97	Perforated additional Wasatch pa	y 11032-11678 (33 intervals, 184', 368			
03-14-97	Set 5" Mountain States Arrow Pa Packer would not hold.	k packer (with glass disk) at 10,860'.			
03-16-97	Set another 5" Mountain States Arrow Pak packer (with glass disk) at 9380'. Packer would not hold.				
03-23-97	Recovered 5" Arrow Pak packer at 9380'. Subsequent analysis of packer revealed a manufacturing defect.				
03-24-97	Recovered 5" Arrow Pak packer at 10,860'. Subsequent analysis of packer revealed a manufacturing defect.				
03-24-97	Set 5" Baker Retrievamatic packer at 10,035'.				
03-27-97	Ran production logs across perfs 11032-11678':				
	11140-11153' 11640-11646' 11650-11655 11672-11678 Below one way plug at 11698	Major gas entry Major oil entry Major oil entry Minor oil entry Major water entry, minor oil entry			
03-31-97	Acidized 11032-11678 with 18400 g 15% HCL w/ RA tag. Observed slight to moderate diversion.				
04-04-97	Well flowing at 400 bopd, 5 bwpd, 370 mcfd on a 12/64" ck, 1120 psi FTP Ran production logs. GR indicated good coverage from acid job.				

	11,140-11,173' 11,605-11,614' 11,640-11,646' 11,650-11,655' 11,667-11,678'	Major gas entry Minor oil entry (approx. 8% of total) Minor oil entry (approx. 16%) w/ water Minor oil entry (approx. 11%) w/ water Major oil entry (approx. 65%)			
	Choke was increased to a 19/64" 11,640-46' & 11,650-55' and deci	and oil entry increased from perfs reased from perfs at 11,667-78'.			
08-01-97	Pulled tubing and Baker Retrieva	matic packer.			
08-02-97	Ran 2 7/8" 6.5# EUE 8rd tubing wanchor at 9076' with PSN at 9006	vith Arrow gas separator assembly. Set 3'.			
08-03-97	Ran "87" rod detail (106 new 1" N with 1-3/4" pump.	Iorris 97 & 251 new 7/8" Norris 97 rods)			
08-04-97	Placed on pump with Rotaflex 90	0 unit.			
03-21-98	Laid down Arrow gas anchor, ran	2 7/8" anchor with 1 ¼" dip tube.			
09-11-0	Moved in a workover rig after the well quit producing.				
09-13-0	Released anchor, unable to pull to 7846'. The marks on the tubing in	ubing, worked tubing, OH, parted at idicated collapsed casing.			
09-14-0	Swaged with a 3 1/4" swage, TOH	, lost swage in the hole.			
09-23-0	Finished swaging casing out to 6.25", rolled casing with a 6.25" roller.				
09-24-0	Milled the bad casing from 7868 to 7870' with a 6.25" string mill.				
09-28-0	Fished 3.25" swage lost in the hole.				
09-29-0	Fished tubing and BHA left in the hole				
09-30-0	Set a RBP on wireline at 9500', dumped 25' sand on top of plug. Run a Arrow liner top dressing assembly, dressed the liner top and tieback sleeve. Pulled over in tight casing at 7860-80'.				
10-01-0	Ran 6.25" string mill and milled on tight spot from 7868-7872'.				
10-02-0	TOH with string mill, ran a 5" 18# 200 sks cement.	P-110 liner back to 6625', cemented with			

10-05-0	Drilled out to liner top, tested to 1500 psi.
10-06-0	Drilled out liner top, float collar and shoe jt, circulated sand off of RBP at 9500'
10-07-0	Ran a cement bond log from 9494-6500'. Generally fair to poor bond across the liner with no bond from 7840-7868'.
10-08-00	Pulled the RBP at 9500'
10-10-0	Returned to production
06-16-01	Circulated well clean to one-way plug at 11700'
06-19-01	Set a one-way CIBP at 11000'
06-21-01	Perforate Upper Wasatch 9518-10936', 54 intervals, 266', 314 holes
06-22-01	Run and set a wireline packer at 9425'
06-24-01	Break glass disk in packer.
06-27-01	Acidize perfs 9518 – 10936' with 13000 gals 15% HCL with 345 balls. Good diversion.
06-28-01	Rig down, well flowing to tank battery.
08-10-01	Ran production log with well flowing 412 BOPD, 85 BWPD and 347 MCFGPD.
	9595-9630 45% of the oil, 24 % of the water 9906-9919 17% of the oil, 69% of the water 10279-10285 20% of the oil 10409-10413 7% of the water 10638-10646 18% of the oil 10718-10726 possible small intermittent oil/gas entry. No entry from below the one-way
10-13-01	Put well back on rod pump.

RICH 2-13B1, RECOMPLETION

PROCEDURE:

- 1. RDMO pumping unit.
- 2. MIRU workover rig with pump and tank. Test the dead men prior to moving in and rigging up.
- 3. POOH with rods & pump, 1.9" tubing side string, 2-7/8" production tubing.
- 4. TIH with a bit for 5" 18# casing and clean out to PBTD including two one-way plugs at 11000' and 11696'. Attempt to circulate fluid to surface. POOH.
- 5. TIH with 2-7/8" tubing and a 5" treating packer and set at 9400'. Acidize well with 10,000 gal of 15% HCl with standard additives and 1000 bio-ball sealers for diversion.
- 6. Swab test to determine rate, cut and fluid level. Swab until the pH is five or greater.
- 7. POOH with tubing, packer.
- 8. RU Electric Line and TIH with a 5" RBP and set at ~9400', dump 1 sk of sand on top. Load casing and pressure test casing to 1,000 psi.
- 9. Rig up wireline with a full lubricator and grease for pressure control. Perforate Lower Green River 8472'-9312' overall as per perforation detail. RDMO wireline.
- 10. TIH with 2-7/8" tubing and a 5" treating packer and set at ~8300'.
- 11. Swab test the interval prior to acidizing to determine the rate, oil cut and fluid level. Catch an oil sample for compatibility testing with the acid.
- 12. Acidize the interval with 8,000 gals of 15% HCl with standard additives and 500 bio-ball sealers for diversion.
- 13. Swab test to determine rate, cut and fluid level. Swab until the pH is five or greater.
- 14. Release packer and POOH. TIH and recover RBP.
- 15. Run production equipment and put well on pump.

STAGE 1 PROPOSED Lower Green River

Perfs picked on Haliburton High Resolution Induction Log dated 7/31/96, 9/2/96

No.		Perforated Interval		Feet	SPF	Holes	CBL Depth Comments
	1	8472	8480	8	2	16	5" Liner
	2	8486	8492	6	2	12	5" Liner
	3	8502	8520	18	2	36	5" Liner
	4	8530	8534	4	2	8	5" Liner
	5	8548	8552	4	2	8	5" Liner
	6	8568	8572	4	2	8	5" Liner
	7	8604	8618	14	2	28	
	8	8652	8658	6	2	12	
	9	8728	8730	2	2 2 2	4	5" Liner
	10	8736	8740	4	2	8	
	11	8746	8754	8	2	16	
	12	8760	8764	4	2	8	
	13	8822	8830	8	2 2	16	5" Liner
	14	8850	8854	4	2	8	
	15	8860	8864	4	2	8	
	16	8874	8878	4	2	8	
	17	8884	8890	6	2 2	12	
	18	9012	9018	6	2	12	
	19	9026	9030	4	2	8	
	20	9060	9066	6	2	12	
	21	9090	9094	4	2	8	
	22	9114	9118	4	2	8	
	23	9132	9138	6	2	12	
	24	9170	9180	10	2	20	
	25	9196	9200	4	2	8	
	26	9304	9312	8	2	16	5" Liner
	Nu	mber of Intervals			26		
		t Feet of Perforations			160		
		mber of Holes			320		

	STATE OF UTAH	250	FORM 9		
	DEPARTMENT OF NATURAL RESOURCE DIVISION OF OIL, GAS, AND MI		5.LEASE DESIGNATION AND SERIAL NUMBER: FEE		
SUNDF	RY NOTICES AND REPORTS	ON WELLS	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:		
	sals to drill new wells, significantly deepe igged wells, or to drill horizontal laterals.		7.UNIT or CA AGREEMENT NAME:		
1. TYPE OF WELL Oil Well			8. WELL NAME and NUMBER: RICH 2-13B1		
2. NAME OF OPERATOR: DEVON ENERGY PROD CO LP	9. API NUMBER: 43047327440000				
3. ADDRESS OF OPERATOR: P.O. Box 290 8345 North 512	9. FIELD and POOL or WILDCAT: BLUEBELL				
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0738 FNL 1063 FWL			COUNTY: UINTAH		
QTR/QTR, SECTION, TOWNSHI Qtr/Qtr: NWNW Section: 13	P, RANGE, MERIDIAN: 3 Township: 02.0S Range: 01.0W Meridia	n: U	STATE: UTAH		
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA					
TYPE OF SUBMISSION		TYPE OF ACTION			
	✓ ACIDIZE	☐ ALTER CASING	CASING REPAIR		
NOTICE OF INTENT Approximate date work will start:	☐ CHANGE TO PREVIOUS PLANS	☐ CHANGE TUBING	☐ CHANGE WELL NAME		
	CHANGE WELL STATUS	☐ COMMINGLE PRODUCING FORMATIONS	☐ CONVERT WELL TYPE		
SUBSEQUENT REPORT Date of Work Completion:	DEEPEN	FRACTURE TREAT	☐ NEW CONSTRUCTION		
8/17/2011	OPERATOR CHANGE	PLUG AND ABANDON	☐ PLUG BACK		
SPUD REPORT	☐ PRODUCTION START OR RESUME	☐ RECLAMATION OF WELL SITE	✓ RECOMPLETE DIFFERENT FORMATION		
Date of Spud:	REPERFORATE CURRENT FORMATION	☐ SIDETRACK TO REPAIR WELL	TEMPORARY ABANDON		
	☐ TUBING REPAIR	☐ VENT OR FLARE	WATER DISPOSAL		
DRILLING REPORT Report Date:	☐ WATER SHUTOFF	SI TA STATUS EXTENSION	APD EXTENSION		
	☐ WILDCAT WELL DETERMINATION	OTHER	OTHER:		
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. Subsequent for Notice of Intent dated 06/30/11, approved 07/18/11. Mill through one-way plugs @ 11,000' & 11,696'. Cleanout to 12,376'. Set pkr @ 9,395',test to 1000 psi. Swab test. Acidize existing perforations 9,518 - Accepted by the 12,376' with 10,000 gals 15% HCL acid and 1000 7/8" OD bioballs. Swab test. Abits Gas and Mining on top. Perforate Lower Green River 8,472 - 9,312', 26 intervals, 160 GR RECORD ONLY holes. Set pkr @ 8,293', test to 1000 psi. Swab test. Acidize new perfs with 4,000 gals 15% HCL acid and 500 7/8" OD bioballs. Swab test. Release and LD pkr @ 8,293'. Return to production from Lower Green River perforations 8,472 - 9,312'. Attachment: well chronology 071811 to 081711.					
NAME (PLEASE PRINT) Deanna Bell	PHONE NUMBER 435 353-5780	TITLE Senior Field Technician			
SIGNATURE N/A		DATE 9/8/2011			

BBA RICH 2-13B1

WEST UNRESTRICTED

Report Printed: 9/7/2011

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OH - Property #: 063064-001

Well Chronology								
District ROCKY MOUNTAIN	County UINTAH		Field Name BLUEBELL		Project Group UINTA		State/Province UT	
Surface Legal Location 13-2-S 1-W-6	API/UWI 4304732744		itude (DMS) 1° 18' 52.88" N	Longitude (DMS) 109° 57' 0.55'		lev KB - GL (ft)	Orig KB Elev (ft) 5,112.00	TH Elev (ft) 5.096.00
Job Category	4304732744	Primary Job Ty	pe	109 57 0.55	Se	condary Job Type	3,112.00	3,090.00
RECOMPLETION Job Start Date	Job End Date	COMPLET	ION	AFE Number	AI	DD PAY	AFE + Sup Amount	
7/18/2011 18:00	I	3/17/2011 18			161118	Total		,000
Contractor, Rig Name PEAK WELL SERVICE		F	Rig Number 90		Rig Type WO/COMP/F	PU-ONSHORE		
Job Phase	Act	Our (days)	PI Cum Days ML		Phase Cost	Planned Likely Ph	ase Cost	Cost Var ML
Report # 1								
Report Start Date	Report End Date		Daily Cost		Cum Cost To I		Depth End	
7/18/2011 18:00 Time Log Summary	7/19/2011 0	6:00		630		630		0.0
ROAD RIG FROM 1-14 A2 TO	2-13 B1 SPOT TRAI	LERS AND F	RIG IN AND GO	HOME. NEXT	DAY RIG UP	AND UNSEAT F	PUMP POOH V	V/ RODS 24
Report # 2 Report Start Date	Report End Date		Daily Cost		Cum Cost To I	Date	Depth End (ftKB)
7/19/2011 06:00 Time Log Summary	7/20/2011 0	6:00		0,425		11,055		0.0
CREW TRAVEL SAFETY MEE' PUMPING DOWN CSG SHUT I POLISHED ROD AND SUBS A PULL OUT W/ ROD STRING KEEP CLEAN FOR HYDROTES HYDROTESTER AND HYDROT	DOWN HOT OILER. ND 2 RODS PICK UF X/OVER TO PULI STING DETAIL WAS	PULL POLIS POLISHED TBG ND W CORRECT	SHED ROD UP O ROD AND FLI /ELL HEAD , N FOUND HOLE	TO LAY IT DOW USH TBG W/ 60 U BOP'S UNSET IN TBG @ 6748	/N PUMP UN BBLS LAY D I TAC TOOH 3' JT #216 LA	SEATED W/ 80 OWN POLISHE W/ 2 7/8 TBG F Y DOWN BHA S	00 PULLED O\ D ROD AND S LUSHING FRE SHUT WELL IN	/ER LAY DOWN TRIP TABLE ON EQUENTLY TO . NEXT DAY RU
Report # 3 Report Start Date	In		[D-1] O-1		Cum Cost To I		D	(AVD)
7/20/2011 06:00	Report End Date 7/21/2011 0	6:00	Daily Cost	0,098	Cum Cost To L	21,153	Depth End (0.0
POLISHED ROD AND SUBS A PULL OUT W/ ROD STRING KEEP CLEAN FOR HYDROTE: HYDROTESTER AND HYDROTE Report # 4 Report Start Date	X/OVER TO PULI STING DETAIL WAS TEST IN HOLE TO D	TBG ND W	/ELL HEAD , N FOUND HOLE LOW THROUG	U BOP'S UNSET IN TBG @ 6748	T TAC TOOH 3' JT #216 LA T DOWN 7:3	W/ 2 7/8 TBG F Y DOWN BHA S 0 7:30-8:30 CR	LUSHING FRE SHUT WELL IN EW TRAVEL -	QUENTLY TO . NEXT DAY RU 24
7/21/2011 06:00	Report End Date 7/22/2011 0	6:00	Daily Cost	,483	Cum Cost To I	30,636	Depth End (0.0
Time Log Summary CREW TRAVEL SAFETY MEE OF DERRIK RU POWER SWIV DRILLING IN FLOW THROUGH POWER SWIVEL AND PICK U NEXT DAY FINISH TOOH W/ T	/EL AND START PUN H CIBP AT 10998' LO P TBG TO TAG AGA	IPING PUM ST CIRCUL IN AT 11734	P FOR 2 HRS A ATION BUT KE I' PULL ABOVE	AND FINALLY B PT DRILLING F LINER AND SH	ROKE CIRCU ELL THROUG IUT DOWN F	JLATION CLEAI 3H AT 3:00 CHA OR EVENING E	N WELL UP AN ASED NOSE CO OT @ 6507' S	ID START ONE W/ 4 JTS RD
Report # 5 Report Start Date	Report End Date		Daily Cost		Cum Cost To I	Date	Depth End (ftKB)
7/22/2011 06:00	7/23/2011 0	6:00		5,348		35,984		0.0
Time Log Summary CREW TRAVEL SAFETY MEE PULLING TBG BREAK DOWN IN HOLE AND WORK THROUG MONDAY FINISH TIH AND MIL	BIT AND SUBMAKE GH LINER TOP AT 66	UP 3" FISHI 325' RUN IN	NG ASSEMBL JUST ABOVE	Y W/ MILL ON B PERFS TO 9432	OTTOM TO I	MILL OVER 2 NI ELL IN AND GO	D FLOW THRO	OUGH PLUG TALL'
Report # 6 Report Start Date	Report End Date		Daily Cost	2.3*	Cum Cost To I)ata	Depth End (HKR)
7/25/2011 06:00	7/26/2011 0	6:00		2,213	Journ Cook 10 L	48,197	Joopun Lind (0.0
Time Log Summary CREW TRAVEL SAFETY MEE TALLYING AND TAG UP AT 1 SKATEING, QUIT MILLING AT TIH W/ KILL STRING 45 STAN	1683' RIG UP POWE 4:00 MADE 5' HANG	R SWIVEL, POWER SV	PUMP TBG VC WIVEL BACK II	DLUME AND STA N DERRIK TOOH	ART MILLING	OVER PLUG A GE OUT MILL S	T 9:00 MILL S	TARTED
Report # 7 Report Start Date	Report End Date		Daily Cost		Cum Cost To I	Date	Depth End (ftKB)
7/26/2011 06:00	7/27/2011 0	6:00		4,564	300, 101	62,761		0.0
Time Log Summary CREW TRAVEL SAFETY MEE FINISH TIH W/ TBG AND TAG 651 Bbls MILLED FROM 11684 FINISH PULLING TBG AND CH	UP AT 11684' RIG U ' TO 11698' QUIT MII	P POWER S LING AT 5:	SWIVEL AND P	UMP TBG VOLU SWIVEL PULL	JME START I	MILLING AT 9:3	0 CAUGHT CIF	RCULATION W/

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BBA RICH 2-13B1 OH - Property #: 063064-001

WEST UNRESTRICTED

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Well Chronology

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District	County	Field Name	Proj	ect Group	State/Province	
ROCKY MOUNTAIN	UINTAH	BLUEBELL	UIN	NTA	UT	
Surface Legal Location	API/UWI	Latitude (DMS)	Longitude (DMS)	Ground Elev KB - GL (ft)	Orig KB Elev (ft) TH Elev (ft)	
13-2-S 1-W-6	4304732744	40° 18' 52.88" N	109° 57' 0.55" W	5,096.00 16.00	5,112.00 5,096.0	00
Report # 8						
Report Start Date	Report End Date	Daily Cost	C	Cum Cost To Date	Depth End (ftKB)	
7/27/2011 06:00	7/28/2011 06:00	16.	.281	79.042	0.0	

Time Log Summary
CREW TRAVEL SAFETY MEETING ON GAS AND RUNNING MOTORS SITP-VACUME SICP-0 OPEN WELL UP FINISH TOOH AND BREAK OFF MILL AND
CHANGE OUT FOR NEW MILL TIH TRICKLE DOWN CSG WHILE RUNNING TBG AND WORK THROUGH LINER TOP @6625' KICK PUMP UP TO 3.5 BPM
BREAK CIRCULATION W/ 551 Bbis CIRCULATE BOTTOMS UP (POOR CIRCULATION) START MILLING @ 1:30 MILL FROM 11698'-11699'CIRCULATE
WELL CLEAN PULL ABOVE PERFS SHUT WELL IN. NEXT DAY TIH AND RU 2ND PUMP TO DOUBLE PUMP. SHUT DOWN 8:00 8:00-9:00 CREW
TRAVEL - 24

Report # 9				
Report Start Date	Report End Date	Daily Cost	Cum Cost To Date	Depth End (ftKB)
7/28/2011 06:00	7/29/2011 06:00	18,353	97,395	0.0
Time Log Summary				

CREW TRAVEL SAFETY MEETING ON- BAD WEATHER CONDITIONS SLIPS, TRIPS AND FALLS. SITP-0 SICP-0 OPEN WELL UP, TIH W/ STANDS OUT OF DERRIK RU POWER SWIVEL START PUMPING BREAK CIRCULATION W/ RIG PUMP AND HOT OILER RU 2ND PUMP BUT DIDNT USE, MILL DOWN THROUGH FLOW THROUGH PLUG AND CHASE W 3 JTS HANG SWIVEL BACK PICK UP JTS OFF TRAILER TAG AT 12220' RU POWER SWIVEL AND MILL DOWN TO 12373' CLEAN UP WELL BORE AND RD POWER SWIVEL PULL ABOVE PERFS AND SHUT WELL IN NEXT DAY FINISH TOOH AND WAIT ON ORDERS. SHUT DOWN 7:30 7:30-8:30 CREW TRAVELEOT AT 9432' - 24

Report # 10				
Report Start Date	Report End Date	Daily Cost	Cum Cost To Date	Depth End (ftKB)
7/29/2011 06:00	7/30/2011 06:00	8,290	105,685	0.0
Time Log Summary				

CREW TRAVEL SAFETY MEETING ON- MAKING UP TOOLS NOT ENOUGH TORQUE SITP-0 SICP-0 OPEN WELL UP AND FINISH TOOH W/TBG BREAK OFF MILL SHOE AND BREAK DOWN FISHING ASSEMBLY AND TIH W/ NEW 4 1/8 BIT AND SUB TIH TO 9417' ABOVE PERFS AND SHUT WELL IN FOR WEEKEND MONDAY FINISH RUNNING STANDS OUT OF DERRIK AND FINISH DRILLING. SHUT DOWN 3:00 3:00-4:00 CREW TRAVEL - 24

Report # 11				
Report Start Date	Report End Date	Daily Cost	Cum Cost To Date	Depth End (ftKB)
8/1/2011 06:00	8/2/2011 06:00	9,390	115,075	0.0

CREW TRAVEL SAFETY MEETING ON DRILLING IN BOTTOM, LOST CIRCULATION. SITP-45 SICP-50 BLEED WELL OFF AND OPEN WELL UP FINISH TIH W/ BIT AND RU POWER SWIVEL AT 12349' BREAK CIRCULATION W/ 524BBLS CLEAN WELL UP AND START DRILLING. WASH DOWN FROM 12368' TO 12373' DRILL HARD STUFF FROM 12373' TO 12376' CLEAN UP WELL BORE FLUSH TBG AND LAY DOWN 91 WORK JTS AND SHUT WELL IN FOR NIGHT. NEXT DAY FINISH TOOH KEEPING TBG CLEAN TO HYDROTEST IN HOLE W/ PACKER.

SHUT DOWN AT 6:00 6:00-7:00 CREW TRAVEL

EOT @ 9461' - 24

Report # 12				
Report Start Date	Report End Date	Daily Cost	Cum Cost To Date	Depth End (ftKB)
8/2/2011 06:00	8/3/2011 06:00	12,065	127,140	0.0

Time Log Summary
CREW TRAVEL SAFETY MEETING ON HYDROTESTING SITP-0 SICP-0 OPEN WELL UP FINISH TOOH W/ BIT BREAK BIT AND SUB DOWN MAKE UP
TREATING PACKER AND SEAT NIPPLE ON BOTTOM OF TBG RU HYDROTESTER TIH HYDROTESTING TEST 300 JTS SET PACKER AT 9395' FILL CSG
W/ 166 BbIs OF TREATED PRODUCTION WATER TEST TO 1000 PSI FOR 10 MINUTES SHUT WELL IN FOR NIGHT. NEXT DAY RU SWAB LUBE,
CHECK FLUID LEVEL AND SWAB. SHUT DOWN 6:00 6:00 - 7:00 CREW TRAVEL EOT @9395' - 24

Report # 13				
Report Start Date	Report End Date	Daily Cost	Cum Cost To Date	Depth End (ftKB)
8/3/2011 06:00	8/4/2011 06:00	5,740	132,880	0.0
- · · · · · · · · · · · · · · · · · · ·				

CREW TRAVEL SAFETY MEETING ON SWABING AND KEEPING A CLEAN WORK AREA SITP-150 SICP-0 BLEED TBG OFF RU SWAB LUBE PICK UP LUBE AND START SWABBING, SWAB FROM 8:30-5:00 MADE 21 RUNS AND RECOVERED 164.5 BBLS SHUT WELL IN FOR NIGHT. NEXT DAY RUN IN AND MAKE TAG RUN RU ACID CREW SHUT DOWN 5:00 5:00-6:00 CREW TRAVEL - 24

Report # 14				
Report Start Date	Report End Date	Daily Cost	Cum Cost To Date	Depth End (ftKB)
8/4/2011 06:00	8/5/2011 06:00	47,190	180,070	0.0
Time Log Summary				

CREW TRAVEL SAFETY MEETING ON PUMPING ACID AND TRAPPED PRESSURE. SITP 350 BLEED WELL DOWN MAKE 1 SWAB RUN TO FIND FLUID LEVEL AT 6200' HANG SWAB LUBE BACK RU ACID CREW AND STAND BY FOR ACID UNLOAD ACID IN TANK MIX ACID PUMP ACID INTO EXISTING PERFS WELL ON VACUME. BREAK OFF TBG AND RD ACID CREW RU SWAB LUBE AND START SWABBING STARTING FLUID LEVEL @ 4900 AND RECOVERED 93 BBLS MADE 11 SWAB RUNS SHUT WELL IN. NEXT DAY MAKE TAG RUN AND POSSIBLY TOOH W/ PACKER SHUT DOWN 6:00 6:00-7:00 CREW TRAVEL - 24

Report # 15				
Report Start Date	Report End Date	Daily Cost	Cum Cost To Date	Depth End (ftKB)
8/5/2011 06:00	8/6/2011 06:00	10,254	190,324	0.0
Time Lee Cummen				

CREW TRAVEL SAFETY MEETING ON SWABING ACID SITP-700 SICP-0 BLEED TBG OFF AND RU SWAB LUBE SWAB FROM 7:00 TO 3:30 MADE 20 RUNS AND RECOVERED 170 Bbis STARTING FLUID LEVEL AT 6800' END FLUID LEVEL AT 6300' PH AT 4.5 SHUT WELL IN. NEXT MONDAY CHECK PRESSURE AND DO TAG RUN. SHUT DOWN AT 3:30 3:30 - 4:30 CREW TRAVEL - 24

Page 2/4 Report Printed: 9/7/2011

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BBA RICH 2-13B1

WEST UNRESTRICTED

OH - Property #: 063064-001

Well Chronology

	County	Field Name	Pi	roject Group	State/Province	
ROCKY MOUNTAIN	UINTAH	BLUEBELL	L	JINTA	UT	
Surface Legal Location	API/UWI	Latitude (DMS)	Longitude (DMS)	Ground Elev KB - GL (ft)	Orig KB Elev (ft) TH Elev (ft)	
13-2-S 1-W-6	4304732744	40° 18' 52.88" N	109° 57' 0.55" \	<i>N</i> 5,096.00 16.00	5,112.00 5,096.00	
Report # 16						OF STREET
Report Start Date	Report End Date	Daily Cost		Cum Cost To Date	Depth End (ftKB)	
8/8/2011 06:00	8/9/2011 06:00	10,	575	200,899	0.0	

Time Log Summary
CREW TRAVEL SAFETY MEETING ON PRESSURE ON WELL AND TRAPPED PRESSURE. SITP-680 SICP-0 BLEED WELL DOWN PICK UP SWAB
LUBE MAKE SWAB RUN AND DETERMINE FLUID LEVEL @6600' MADE 2 RUNS RD SWAB LUBE OPEN UP PIPE RAMS PICK UP ON TBG OPEN BY
PASS ON PACKER LET TBG AND CSG EQUALIZE TOOH W/ 150 STANDS BREAK PACKER OFF MAKE UP RETRIEVING HEAD AND RBP TIH W/ 150
STANDS SET RBP @ 9396' FILL AND TEST CSG TO 1000 PSI FOR 10 MINUTES W/ 296 BBLS TREATED PRODUCTION WATER DUMP 1 SACK OF SAND
ON PLUG PUMP SAND TO BOTTOM TOOH W/ 150 STANDS BREAK DOWN BHA AND SHUT WELL IN FOR NIGHT. NEXT DAY RU WIRELINE COMPANY
AND PERFORATE ACCORDING TO ATTACHED SHEET. - 24

Report # 17				
Report Start Date	Report End Date	Daily Cost	Cum Cost To Date	Depth End (ftKB)
8/9/2011 06:00	8/10/2011 06:00	24,120	225,019	0.0
Time Log Summary				

CREW TRAVEL SAFETY MEETING ON WIRELINING AND CELL PHONES SICP-0 OPEN UP CSG RU WIRELINE COMPANY AND START PERFORATING FROM 8478'TO 9312' W/ 2 MISS FIRE RUNS. RD WIRELINERS RU HYDROTESTER AND MAKE UP PSN AND 4 1/8" PACKER ON BOTTOM OF 2 7/8 TBG TIH HYDROTESTING TBG RAN 86 STANDS OUT OF DERRIK SHUT WELL IN FOR NIGHT. NEXT DAY GUAGE WELL, BLEED WELL OFF TIH HYDROTESTING SET PACKER. SHUT DOWN 7:00 7:00 - 8:00 CREW TRAVEL EOT@5362' - 24

Report # 18				
Report Start Date	Report End Date	Daily Cost	Cum Cost To Date	Depth End (ftKB)
8/10/2011 06:00	8/11/2011	10,015	235,034	0.0

CREW TRAVEL SAFETY MEETING ON HYDROTESTING SITP - 0 SICP - 0 OPEN WELL UP AND FINISH TIH HYDROTESTING RD TBG TESTER SET PACKER AT 8293' RU PUMP TEST CSG TO 1000 PSI FOR 10 MINUTES HOLE WAS FULL. RU SWAB LUBE AND SWAB REST OF THE DAY MADE 5 RUNS AND SWAB TBG DRY. SHUT WELL IN TO ATTEND DEVON SAFETY MEETING ON LOCKOUT TAGOUT AND HOT WORK PERMITS RETURN TO WORK OPEN WELL UP AND MAKE 1 MORE SWAB RUN W/ NO SUCCESS SHUT WELL IN FOR DAYM MADE 7 SWAB RUNS RECOVERED 49 BBLS END FLUID LEVEL @8000'. NEXT DAY PREFORM ACID JOB. SHUT DOWN 3:00 3:00-4:00 CREW TRAVEL EOT AT 8293' - 24

Report # 19				
Report Start Date	Report End Date	Daily Cost	Cum Cost To Date	Depth End (ftKB)
8/11/2011 06:00	8/12/2011 06:00	29,590	264,624	0.0
Time Log Summary				

CREW TRAVEL SAFETY MEETING ON PUMPING ACID SITP-0 SICP-0 OPEN TBG, RU ACID CREW MIX ACID PREFORM ACID JOB RD ACID CREW AND HARD LINE HOOK TBG TO FLOWBACK TANK AND FLOW TBG BACK FOR 1 HOUR RU AND START SWABBING BEGINNING FLUID LEVEL AT SURFACE MADE 21 SWAB RUNS RECOVERED 256 BBLS MOSTLY OIL AND GAS PH UNKNOWN END FLUID LEVEL AT 3100' SHUT WELL IN FOR NIGHT. NEXT DAY SWAB. SHUT DOWN 6:30 6:30 - 7:30 CREW TRAVEL - 24

Report # 20				
Report Start Date	Report End Date	Daily Cost	Cum Cost To Date	Depth End (ftKB)
8/12/2011 06:00	8/13/2011 06:00	8,415	273,039	0.0
Time Log Summany				

CREW TRAVEL SAFETY MEETING ON SWABBING ACID SITP - 700 SICP - 0 BLEED TBG OFF TBG FLOWED FOR 1 HOUR FLOWED BACK 15 BBLS RU TO SWAB, SWAB FROM 8:30 TO 5:00 HEATED AND TRANSFERED BBLS OF OIL FROM FLOW BACK TANK TO PRODUCTION TANK MADE 20 SWAB RUNS RECOVERED 221BBLS OF FLUID 75% OIL 10% WATER 15% GAS END FLUID LEVEL 4200' HANG SWAB LUBE BACK IN DERRIK SHUT WELL IN FOR WEEKEND. MONDAY MAKE TAG RUN AND PULL TBG SHUT DOWN 6:00 6:00 - 7:00 CREW TRAVE - 24

Report # 21				
Report Start Date	Report End Date	Daily Cost	Cum Cost To Date	Depth End (ftKB)
8/15/2011 06:00	8/16/2011 06:00	5,990	279,029	0.0
Time Log Summany				

CREW TRAVEL SAFETY MEETING ON GAS AROUND MOTORS ,KILL SWITCHES SITP-750 SICP-0 BLEED WELL OFF FLOW WELL BACK TILL 830 START SWABBING SWAB FROM 900 TO 5:00 SHUT WELL IN AND GO HOME FOR NIGHT. MADE 24 RUNS RECOVERED 197 BBLS OF FLUID END FLUID LEVEL WAS 7000' END OIL CUT 98% SHUT DOWN 5:30 5:30 - 6:30 CREW TRAVEL - 24

Report # 22				
Report Start Date	Report End Date	Daily Cost	Cum Cost To Date	Depth End (ftKB)
8/16/2011 06:00	8/17/2011 06:00	9,590	288,619	0.0

CREW TRAVEL SAFETY MEETING ON HYDROTESTING AND TAG RUNS SITP -410 SICP -0 BLEED TBG OFF AND RU SWAB LUBE RUN IN AND FIND FLUID LEVEL @ 1200' RD SWAB LUBE UN SET PACKER CIRCULATE HOLE AND TOOH W/ 148 & SINGLE TBG LAY PACKER DOWN AND MAKE UP BHA W/ 2 7/8 TAC ON BOTTOM RU HYDROTESTER TIH HYDROTESTING PRODUCTION TBG GET TO LINER TOP AND SHUT WELL IN FOR NIGHT NEXT DAY FINISH TIH W/ PRODUCTION AND LAND TBG RUN RODS . SHUT DOWN 6:00 6:00 - 7:00 CREW TRAVEL EOT AT 6565' - 24

Page 3/4 Report Printed: 9/7/2011

devon

BBA RICH 2-13B1 OH - Property #: 063064-001

WEST UNRESTRICTED

Well	Ch	* 0 P	~1	~~~
vveii	UII	ITOH	OI	ouv

District Field Name Project Group State/Province County **ROCKY MOUNTAIN** UINTAH UINTA UΤ BLUEBELL API/UWI Orig KB Elev (ft) Surface Legal Location atitude (DMS) Lonaitude (DMS) Ground Elev ... KB - GL (ft) TH Elev (ft) 13-2-S 1-W-6 40° 18' 52.88" N 109° 57' 0.55" W 5,096.00 4304732744 5,096.00 16.00 5,112.00 Report # 23 Report Start Date Report End Date Daily Cost Cum Cost To Date Depth End (ftKB) 8/18/2011 06:00 8/17/2011 06:00 20,093 308,712 0.0 Time Log Summary

CREW TRAVEL SAFETY MEETING ON HYDROTESTING AND RIGGING DOWN SITP-0 SICP-0 OPEN WELL UP AND FINISH TIH TESTING TBG RD HYDROTESTER ND BOP'S SET TAC @ NU WELL HEAD X-O TO RUN RODS DUMP BEADS FLUSH TO BOTTOM PICK UP NEW 1 3/4 PUMP AND PRIME ON SURFACEMAKE UP ON DIP TUBES TIH W/ ROD STRING AS DIRECTED LAY DOWN 8 7/8" RODS AND PICK UP 2 -1" RODS SPACE OUT ROD STRING W/ 2-8' SUBS AND 1-2' TBG WAS FULL TEST TBG TO 1000 PSI W/ 2 STROKES RD PULL FORWARD CLEAN UP LOCATION STEAM OFF UNIT AND SLIDE FORWARD HANG ROD STRING ON UNIT TEST AND LEAVE SHUT DOWN AND TO PUMPER NEXT DAY MOVE TO NEXT LOCATION PAST DUCHESNE. SHUT DOWN 7:00 7:00 - 8:00 CREW TRAVEL PSN @9281' TAC@9349'

RAN 1 3/4 PUMP 258 7/8" (5 W/G) EOT@9351' 110 -1" RODS - 24

Report # 24				
Report Start Date	Report End Date	Daily Cost	Cum Cost To Date	Depth End (ftKB)
8/18/2011 06:00	8/19/2011 06:00	0	308,712	0.0
Time Log Summary				***************************************
14 HR PRODUCTION - 8 I	3O 142 BW/ 20 MCEPD - 24			

Report # 25				
Report Start Date	Report End Date	Daily Cost	Cum Cost To Date	Depth End (ftKB)
8/21/2011 06:00	8/22/2011 06:00	0	308,712	0.0
Time Log Summary				

WEEKEND PRODUCTION

19TH - 65 BOPD, 169 BWPD, 43 MCFPD 20TH - 140 BOPD, 17 BWPD, 43 MCFPD 21ST - 138 BOPD, 12 BWPD, 43 MCFPD - 24

Report # 26				
Report Start Date	Report End Date	Daily Cost	Cum Cost To Date	Depth End (ftKB)
8/22/2011 06:00	8/23/2011 06:00	0	308,712	0.0
Time Log Summary			•	

24 HR PRODUCTION - 103 BOPD, 8 BWPD, 59 MCFPD - 24

Report # 27				
Report Start Date	Report End Date	Daily Cost	Cum Cost To Date	Depth End (ftKB)
8/23/2011 06:00	8/24/201 1 06:00	-1,106	307,606	0.0
Time Log Summary				

24 HR PRODUCTION - 115 BOPD, 0 BWPD, 63 MCFPD - 24

Report # 28	BOI B, 0 BWI B, 03 WOI I B - 2-			
Report Start Date 8/24/2011 06:00	Report End Date 8/25/2011 06:00	Daily Cost	Cum Cost To Date 307,750	Depth End (ftKB) 0.0
Time Log Summary 24 HR PRODUCTION - 100	BOPD, 0 BWPD, 59 MCFPD - 24	1		

Report # 29 Daily Cost Depth End (ftKB) Report Start Date Report End Date Cum Cost To Date

8/25/2011 06:00 8/26/2011 06:00 144 307,894 0.0 Time Log Summary

24 HR PRODUCTION - 120 BOPD, 0 BWPD, 68 MCFPD - 24

Page 4/4 Report Printed: 9/7/2011 RECEIVED Sep. 08, 2011

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS AND MINING

FORM 6

			ENTITY ACTION	FORM				
perator:	Devon	Energy Production Con	npany LP	Ope	rator Ac	count N	ımher	N 1275
ddress:	P.O. B	ox 290		ОРО	, ato, , to	oount 140	airiibei	N
	city Ne	eola		•				
	state U		zio 84053	•	_			(435) 353_5784
	<u>state</u>		ZID 04000	-	Р	hone Nu	ımber: _	(435) 353-5784
Vell 1								
API N	ımber	Well	Name	QQ	Sec	Twp	Rng	County
43047	32744	RICH 2-13B1	·	NWNW	13	28	1W	UINTAH
Action	Code	Current Entity Number	New Entity Number	s	pud Da	te		tity Assignmen Effective Date
E	=	12046	12046			*******		8/17/2011
<u> </u>	<u>RV -</u>	OMPLETION CHANGIN						9/16/11
/ell 2 API Nu	ımber	Well	Name	QQ	Sec	Twp	Rng	County
Action	Code	Current Entity Number	New Entity Number	s	pud Dat	ie		tity Assignmen Effective Date
Commen				<u></u>			·	
ell 3 API Nu	ımber	Weil	Name	QQ	Sec	Twp	Rng	County
						<u>"</u>		,
Action	Code	Current Entity Number	New Entity Number	S	pud Dat	te		l tity Assignmen Effective Date
		1		1				
Commen	ts:			<u> </u>			<u></u>	
ION COD A - Esta B - Add C - Re-a	ES: blish new on new well to assign well	entity for new well (single voo existing entity (group or usefrom one existing entity to from one existing entity to in 'comments' section)	unit well) another existing entity	Name			LAC-	9-9-11

(5/2000)

SEP 1 2 2011

Division of Oil, Gas and Mining OPERATOR CHANGE WORKSHEET (for state use only)

ROUTING
CDW

X - Change of Operator (Well Sold)				Operator Na	me Chan	ge/Merger		
The operator of the well(s) listed below has change	ged, o	effectiv	/e:			8/29/2014		
FROM: (Old Operator): DEVON ENERGY PRODUCTION COMPANY L 333 WEST SHERIDAN AVENUE	P. N	N1275		TO: (New Op LINN OPERAT 1999 BROADV	TING INC			
OKLAHOMA CITY OK 73102-5015				DENVER CO		3700		
				303-999-4275				
CA No.				Unit:	N/A			
	SEC	TWN	N RNG	API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS
See Attached List			<u> </u>		L		<u></u>	
OPERATOR CHANGES DOCUMENT. Enter date after each listed item is completed								
1. (R649-8-10) Sundry or legal documentation wa				-		9/16/2014	•	
2. (R649-8-10) Sundry or legal documentation wa				=		9/16/2014		10/0/0014
3. The new company was checked on the Departs4a. Is the new operator registered in the State of U		oi Coi	mmerce	Business Numb	-	9031632-0143		10/8/2014
5a. (R649-9-2)Waste Management Plan has been re		ed on:		Yes		7031032-0143	•	
5b. Inspections of LA PA state/fee well sites compl5c. Reports current for Production/Disposition & S				N/A 10/8/2014	- -			
6. Federal and Indian Lease Wells: The BL					merger, na	me change,		
or operator change for all wells listed on Federa	al or	Indian	leases o	on:	BLM	NOT YET	BIA	NOT YET
7. Federal and Indian Units:	_							
The BLM or BIA has approved the successor		-				<u>N/A</u>	-	
8. Federal and Indian Communization Ag			•	•				
The BLM or BIA has approved the operator of					6 T	N/A		
9. Underground Injection Control ("UIC"				_			-	
Inject, for the enhanced/secondary recovery un DATA ENTRY:	ıı/pro	ојест то	or the w	ater disposai wei	ii(s) iistea o	n:	9/24/2014	
1. Changes entered in the Oil and Gas Database				10/8/2014	_			
 Changes have been entered on the Monthly Or Bond information entered in RBDMS on: 	erat	or Cha	ange Sp			10/8/2014	•	
3. Bond information entered in RBDMS on:4. Fee/State wells attached to bond in RBDMS on				10/8/2014 10/8/2014	•			
5. Injection Projects to new operator in RBDMS of				N/A	•			
6. Receipt of Acceptance of Drilling Procedures for	or Al	PD/Nev	w on:		-	10/8/2014	_	
7. Surface Agreement Sundry from NEW operator	on F	ee Sur	face we	lls received on:		9/16/2014	•	
BOND VERIFICATION:								
 Federal well(s) covered by Bond Number: Indian well(s) covered by Bond Number: 				NMB000501	•			
Indian well(s) covered by Bond Number:3a. (R649-3-1) The NEW operator of any state/fe	e wel	ll(s) lis	ted cov	NMB000501 ered by Bond Nu	umher	LPM9149893		
3b. The FORMER operator has requested a release					N/A	LI 1017147075		
LEASE INTEREST OWNER NOTIFIC			, nom t	den bond on.	11/11	-		
4. (R649-2-10) The NEW operator of the fee wells			ontacted	l and informed b	y a letter fro	om the Division		
of their responsibility to notify all interest owner					10/8/2014			
COMMENTS:								

Devon Energy Production Company, L.P. N1275 to Linn Operating, Inc N4115 Effective 8/29/2014

Well Name	Section	Township	Range AP		Entity	Mineral	Well	Well
				Number		Lease	Type	Status
SWD 4-11A2	11	010S	020W	4301320255	99990	Fee	WD	A
VIRGIL MECHAM 1-11A2	11	010S	020W	4301330009	5760	Fee	WD	Α
1-3A2	3	010S	020W	4301330021	99990	Fee	WD	Α
BLUEBELL 2-28A2	28	010S	020W	4301330346	99990	Fee	WD	A
SALERATUS 2-17C5	17	030S	050W	4301330388	99990	Fee	WD	A
CENTRAL BLUEBELL 2-26A2	26	010S	020W	4301330389	99990	Fee	WD	Α
BALLARD 2-15B1	15	020S	010W	4304732351	11476	Fee	WD	Α
GALLOWAY #3-14B2	14	020S	020W	4301351741		Fee	OW	APD
GALLOWAY #3-12B2	12	020S	020W	4301351742		Fee	OW	APD
GALLOWAY 4-14B2	14	020S	020W	4301351818		Fee	ow	APD
MORRIS #3-8B1	8	020S	010W	4301351836		State	OW	APD
FRITZ #3-24A2	24	010S	020W	4301351837		Fee	ow	APD
GALLOWAY #2-14B2	14	020S	020W	4301351739	19044	Fee	OW	DRL
EMERALD 2-32A1	32	010S	010W	4301350059	17980	Fee	OW	OPS
CLYDE MURRAY 1-2A2	2	010S	020W	4301330005	5876	Fee	OW	P
VICTOR C BROWN 1-4A2	4	010S	020W	4301330011	5780	Fee	OW.	P
DOUG BROWN 2-4A2	4	010S	020W	4301330017	5840	Fee	ow	P
L BOREN U 3-15A2	15	010S	020W	4301330017	5755	Fee	OW	P
LAMICQ-URTY U 3-17A2	17	010S	020W	4301330099	5745	Fee	ow	P
L BOREN U 5-22A2	22	010S	020W	4301330099	5900	Fee	ow	P
L BOREN U 4-23A2	23	010S	020W	4301330107	5905	Fee	ow	P
TOMLINSON FED 1-25A2	25	010S	020W	4301330113	5535	Federal	OW	P
WOODWARD 1-21A2	21	010S	020W	4301330120	5665	Fee	OW	P
and the second s	20	0105	020W	4301330130	5400	Fee	GW	P
LAMICQ 1-20A2 L RBRTSN ST 1-1B2		010S 020S			+		OW	P
	1		020W	4301330200	5410	State		P
SMITH ALBERT 1-8C5	8	030S	050W	4301330245	5490	Fee	OW_	
FRESTON ST 1-8B1	8	020S	010W	4301330294	5345	Fee	OW	P
GEORGE MURRAY 1-16B1	16	020S	010W	4301330297	5950	Fee	OW_	P
LAMICQ-URTY U 4-5A2	5	010S	020W	4301330347	5845	Fee	OW	P
H G COLTHARP 1-15B1	15	020S	010W	4301330359	5945	Fee	OW	P
STATE 3-18A1	18	010S	010W	4301330369	5810	Fee	OW	P
LAMICQ 2-6B1	6	020S	010W	4301330809	2301	Fee	OW	P
DILLMAN 2-28A2	28	010S	020W	4301330821	5666	Fee	OW	P
HAMBLIN 2-26-A2	26	010S	020W	4301330903		Fee	OW	P
JOHN 2-3-B2	3	020S	020W	4301330975	5387	Fee	OW	P
LAMICQ-ROBERTSON ST 2-1B2	1	020S	020W	4301330995	5412	Fee	OW	P
UTE TRIBAL 2-7A2	7	010S	020W	4301331009	5836	Indian	ow	P
HATCH 2-3B1	3	020S	010W	4301331147	10615	Fee	OW	P
NORLING 2-9B1	9	020S	010W	4301331151	10616	Fee	OW	P
SHAW 2-27A2	27	010S	020W	4301331184	10753	Fee	OW_	P
LAMICQ-URRITY 4-17A2	17	010S	020W	4301331190	10764	Fee	OW	P
LAMICQ 2-20A2	20	010S	020W	4301331191	10794	Fee	OW_	P
FRESTON 2-8B1	8	020S	010W	4301331203	10851	Fee	OW	P
WISSE 3-35A2	35	010S	020W	4301331215	10925	Fee	ow	P
MECCA 2-8A2	8	010S	020W	4301331231	10981	Fee	OW	P
SWYKES 2-21A2	21	010S	020W	4301331235	10998	Fee	OW	P
SHERMAN 2-12B2	12	020S	020W	4301331238	11009	Fee	OW	P
DUNCAN 4-2A2	2	010S	020W	4301331276	11258	Fee	GW	P
HAMBLIN 3-9A2	9	010S	020W	4301331278	11094	Fee	GW	P
BAR-F 2-5B1	5	020S	010W	4301331286	11113	Fee	ow	P
SMITH 2-9C5	9	030S	050W	4301331321	11245	Fee	ow	P
LORANGER 2-24A2	24	010S	020W	4301331322	11244	Fee	ow	P
UTE 2-6B3	6	020S	030W	4301331325	11446	Indian	ow	P
MCELPRANG 2-30A1	30	010S	010W	4301331326		Fee	ow	P

Devon Energy Production Company, L.P. N1275 to Linn Operating, Inc N4115 Effective 8/29/2014

Well Name	Section	Township	Range A	P API	Entity	Mineral	Well	Well
		-		Number		Lease	Type	Status
SMITH 2-7C5	7	030S	050W	4301331327	11324	Indian	OW	P
SMITH 2-18C5	18	030S	050W	4301331328	11336	Indian	OW	P
UTE 2-24A3	24	010S	030W	4301331329	11339	Indian	OW	P
UTE 5-19A2	19	010S	020W	4301331330	11277	Indian	OW	P
EDWARDS 3-10B1	10	020S	010W	4301331332	11264	Fee	OW	P
SUNDANCE 4-15A2	15	010S	020W	4301331333	11269	Fee	ow	P
LORANGER 6-22A2	22	0108	020W	4301331334	11335	Fee	OW	P
COX 2-36A2	36	010S	020W	4301331335	11330	Fee	OW	P
SMITH 2-6C5	6	030S	050W	4301331338	11367	Indian	OW	P
FRESTON 2-7B1	7	020S	010W	4301331341	11338	Fee	OW	P
PEARSON 2-11B2	11	020S	020W	4301331356	11359	Fee	OW	P
CHAPMAN 2-4B2	4	020S	020W	4301331378	11485	Fee	OW	P
LAMB 2-16A2	16	010S	020W	4301331390	11487	Fee	OW	P
LABRUM 2-23A2	23	010S	020W	4301331393	11514	Fee	ow	P
POWELL 2-16B1	16	020S	010W	4301331820	12342	Fee	OW	P
BOWMAN 5-5A2	5	010S	020W	4301332202	13043	Fee	OW	P
BOREN 4-9A2	9	010S	020W	4301332203	13079	Fee	OW	P
BLANCHARD 3-10A2	10	010S	020W	4301332223	13149	Fee	OW	P
SQUIRES 3-8A2	8	010S	020W	4301332227	13176	Fee	OW	P
BROWN 3-4A2	4	010S	020W	4301332684	14673	Fee	OW	P
GALLOWAY 3-11B2	11	020S	020W	4301334304	18527	Fee	ow	P
OWL AND THE HAWK 3-9C5	9	030S	050W	4301351214	18649	Fee	OW	P
Bingham #3-4B1	4	020S	010W	4301351464	18825	Fee	ow	P
RED MOUNTAIN 3-5B1	5	020S	010W	4301351632	18954	Fee	OW	P
MECHAM #3-1B2	1	020S	020W	4301351844	19082	State	OW	P
MIKE AND SHELLEY #3-4B2	4	020S	020W	4301351845	19083	Fee	ow	P
RBRTSN UTE ST 1-12B1	12	020S	010W	4304730164	5475	Fee	OW	P
MAY UTE FED 1-13B1	13	020S	010W	4304730176	5435	Fee	OW	P
COOK 1-26B1	26	020S	010W	4304731981	11212	Fee	OW	P
CHRISTIANSEN 2-12B1	12	020S	010W	4304732178	11350	Fee	OW	P
RICH 2-13B1	13	020S	010W	4304732744	12046	Fee	OW	P
THOMAS 4-10B1	10	020S	010W	4304734080	13284	Fee	OW	P
HAMAKER 3-12B1	12	020S	010W	4304752294	18650	Fee	OW	P
BETTS 2-26B1	26	020S	010W	4304752435	18698	Fee	OW	P
STATE 1-10A2 (3-10C)	10	010S	020W		5860	State	GW	S
L BOREN U 6-16A2	16	010S	020W	4301330123	5750	Fee	ow	S
UTE TRIBAL 1-6B3	6	020S	030W	4301330136	5705	Indian	ow	S
MAUREL TAYLOR FEE 1-36A2	36	010S	020W	4301330143	5525	Fee	OW	S
CAMPBELL UTE ST 1-7B1	7	020S	010W	4301330236	5295	Indian	ow	S
D L GALLOWAY 1-14B2	14	020S	020W	4301330564	5965	Fee	OW	S
MARK 2-25A2	25	010S	020W	4301331232	10986	Fee	OW	S
MITCHELL 2-4B1	4	020S	010W	4301331317	11231	Fee	OW	S

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES

DIVISION OF OIL, GAS AND MINING 5. LEASE DESIGNATION AND SERIAL NUMBER: See Attached Well List 6. IF INDIAN, ALLOTTEE OR TRIBE NAME: SUNDRY NOTICES AND REPORTS ON WELLS 7. UNIT or CA AGREEMENT NAME: Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals. 8 WELL NAME and NUMBER TYPE OF WELL OTHER See Attached Well List GAS WELL OIL WELL See Attached Well List 2. NAME OF OPERATOR: API NUMBER: LINN OPERATING, INC PHONE NUMBER: 10. FIELD AND POOL, OR WILDCAT: 3. ADDRESS OF OPERATOR ZIP 80202 Denver 1999 Broadway, Suite 3700 STATE CO (303) 999-4275 Bluebell/Altamont 4. LOCATION OF WELL COUNTY: Duchsene/Uintah FOOTAGES AT SURFACE: QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: STATE: UTAH CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA 11. TYPE OF SUBMISSION TYPE OF ACTION ACIDIZE DEEPEN REPERFORATE CURRENT FORMATION 1 NOTICE OF INTENT (Submit in Duplicate) ALTER CASING FRACTURE TREAT SIDETRACK TO REPAIR WELL Approximate date work will start: CASING REPAIR **NEW CONSTRUCTION** TEMPORARILY ABANDON OPERATOR CHANGE CHANGE TO PREVIOUS PLANS TUBING REPAIR CHANGE TUBING PLUG AND ABANDON VENT OR FLARE SUBSEQUENT REPORT CHANGE WELL NAME PLUG BACK WATER DISPOSAL (Submit Original Form Only) CHANGE WELL STATUS PRODUCTION (START/RESUME) WATER SHUT-OFF Date of work completion: COMMINGLE PRODUCING FORMATIONS OTHER: CHANGE OF RECLAMATION OF WELL SITE **OPERATOR** CONVERT WELL TYPE RECOMPLETE - DIFFERENT FORMATION 12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. Effective 08/29/2014, Change of Operator from Devon Energy Production Company, LP, to Linn Operating, Inc. is responsible under the terms and conditions of the leases for operations conducted on the leased lands or a portion thereof under their blanket state bond number LPM9149893. Attached is a list of wells that are associated with this Change of Operator. Devon Energy Production Company, LP N1375 333 West Sheridan Avenue Oklahoma City, OK 73102-5015 John D Raines SEP 16 2014 Vice President DIV OF OIL GAS & MINING Russell des Cognets II Asset Manager NAME (PLEASE PRINT) 9/8/14 SIGNATURE (This space for State us

OCT 08 2014

DIV. OIL GAS & MINING

(See Instructions on Reverse Side)

OIL	FEE	BLUEBELL ALTAMONT	UT	DUCHESNE	
OIL	FEE	BLUEBELL ALTAMONT	UT	DUCHESNE	
OIL	FEE	BLUEBELL ALTAMONT	UT	DUCHESNE	
OIL	FEE	BLUEBELL ALTAMONT	UT	DUCHESNE	
OIL	FEE	BLUEBELL ALTAMONT	UT	DUCHESNE	
OIL	FEE	BLUEBELL ALTAMONT	UT	DUCHESNE	
OIL	FEE	BLUEBELL ALTAMONT	UT	DUCHESNE	
OIL	FEE	BLUEBELL ALTAMONT	UT	DUCHESNE	
OIL	FEE	BLUEBELL ALTAMONT	UT	DUCHESNE	
OIL	FEE	BLUEBELL ALTAMONT	UT	DUCHESNE	
OIL	FEE	BLUEBELL ALTAMONT	UT	DUCHESNE	
OIL	INDIAN	BLUEBELL ALTAMONT	UT	DUCHESNE	
OIL	FEE	BLUEBELL ALTAMONT	UT	DUCHESNE	
OIL	FEE	BLUEBELL ALTAMONT	UT	DUCHESNE	
OIL	FEE	BLUEBELL ALTAMONT	UT	DUCHESNE	
OIL	FEE	BLUEBELL ALTAMONT	UT	DUCHESNE	
OIL	FEE	BLUEBELL ALTAMONT	UT	DUCHESNE	
OIL	FEE	BLUEBELL ALTAMONT	UT	DUCHESNE	
OIL	FEE	BLUEBELL ALTAMONT	UT	DUCHESNE	
OIL	FEE	BLUEBELL ALTAMONT	UT	DUCHESNE	
OIL	FEE	BLUEBELL ALTAMONT	UT	DUCHESNE	
OIL	FEE	BLUEBELL ALTAMONT	UT	DUCHESNE	
OIL	FEE	BLUEBELL ALTAMONT	UT	DUCHESNE	
OIL	FEE	BLUEBELL ALTAMONT	UT	DUCHESNE	

Field

BLUEBELL ALTAMONT

BLUEBELL ALTAMONT

BLUEBELL ALTAMONT

State

UT

County

DUCHESNE

DUCHESNE

DUCHESNE

DUCHESNE

DUCHESNE

DUCHESNE

DUCHESNE

DUCHESNE

DUCHESNE

DUCHESNE

DUCHESNE

Devon Energy Production Company, LP Exisiting Well List for State/Fee/Indian Leases

Lease Type

FEE

STATE

Well Type

OIL

Producing Status

Producing

Producing

Producing

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430133128600

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430133222300

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430133119200

430133008600

430133011500

430133220300

430133010700

430133012300

430133220200

430133001700

430133001100

430133268400

430133023600

430133137800

430133000500

430133035900 430133129900

430133133500

430133082100

430133127600

430133133200

430133029400

430133134100

430133120300

430133056400

430133430400

430133090300

430133127800

430133114700

430133097500

430133139300

430133139000

430133020000

Well Name

BAR F 2-5B1

BINGHAM 3-4B1

*BOREN 1-14A2-

BOREN 3-11A2

BOREN 3-15A2

BOREN 4-23A2

BOREN 4-9A2

BOREN 5-22A2

BOREN 6-16A2

BROWN 3-4A2

CHAPMAN 2-4B2

COLTHARP 1-15B1

DILLMAN 2-28A2

EDWARDS 3-10B1

FRESTON STATE 1-8B1

DUNCAN 4-2A2

FRESTON 2-7B1

FRESTON 2-8B1

GALLOWAY 1-14B2

GALLOWAY 3-11B2

HAMBLIN 2-26A2

HAMBLIN 3-9A2

LABRUM 2-23A2

LAMICQ ROBERTSON 1-1B2

HATCH 2-3B1

LAMB 2 16A2

JOHN 2-3B2

COX 2-36A2

BOWMAN 5-5A2

BROWN DOUG 2-4A2

BROWN VICTOR C 1-4A2

CAMPBELL UTE ST 1-7B1

CLYDE MURRAY 1-2A2

CORNABY 2-14A2 (RECOMP)

BLANCHARD 3-10A2

Legal Location

005-002S-001W

004-002S-001W

010-001S-002W

014-001S-002W

011-001S-002W

015-001S-002W

023-001S-002W

009-001S-002W

022-001S-002W

016-001S-002W

005-001S-002W

004-001S-002W

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015-002S-001W

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036-001S-002W

028-001S-002W

002-001S-002W

010-002S-001W

008-002S-001W

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014-002S-002W

011-002S-002W

026-001S-002W

009-001S-002W

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003-002S-002W

023-001S-002W

016-001S-002W

001-002S-002W

GAS & MINING 2014 SEP

RECEIVED

SWYKES 2 21A2	430133123500	021-001S-002W	Producing	OIL	FEE	BLUEBELL ALTAMONT	UT	DUCHESNE
TAYLOR MAUREL FEE 1-36A2	430133014300	036-001S-002W	Shut-In	OIL	FEE	BLUEBELL ALTAMONT	UT	DUCHESNE
TOMLINSON 1 25A2	430133012000	025-001S-002W	Producing	OIL	INDIAN	BLUEBELL ALTAMONT	UT	DUCHESNE
UTE TRIBAL 2-7A2	430133100900	007-001S-002W	Producing	OIL	INDIAN	BLUEBELL ALTAMONT	UT	DUCHESNE
UTE TRIBAL 5-19A2	430133133000	019-001S-002W	Producing	OIL	INDIAN	BLUEBELL ALTAMONT	UT	DUCHESNE
UTE 1-6B3	430133013600	006-002S-003W	Shut-In	OIL	INDIAN	BLUEBELL ALTAMONT	UT	DUCHESNE
UTE 2-24A3	430133132900	024-001S-003W	Producing	OIL	INDIAN	BLUEBELL ALTAMONT	UT	DUCHESNE
UTE 2-6B3	430133132500	006-002S-003W	Producing	OIL	INDIAN	BLUEBELL ALTAMONT	UT	DUCHESNE
WISSE 3-35A2	430133121500	035-001S-002W	Producing	OIL	FEE	BLUEBELL ALTAMONT	UT	DUCHESNE
WOODWARD 1-21A2	430133013000	021-001S-002W	Producing	OIL	FEE	BLUEBELL ALTAMONT	UT	DUCHESNE
BALLARD 2-15B1 SWD	430473235100	015-002S-001W	Injecting	SWD	FEE	BLUEBELL ALTAMONT	UT	UINTAH
BETTS 2-26B1	430475243500	26-2S-1W	Producing	OIL	FEE	BLUEBELL ALTAMONT	UT	UINTAH
CHRISTENSEN 2-12B1	430473217800	012-002S-001W	Producing	OIL	FEE	BLUEBELL ALTAMONT	UT	UINTAH
COOK 1-26B1	430473198100	026-002S-001W	Producing	OIL	FEE	BLUEBELL ALTAMONT	UT	UINTAH
HAMAKER 3-12B1	430475229400	12-2S-1W	Producing	OIL	FEE	BLUEBELL ALTAMONT	UT	UINTAH
MAY UTE FED 1-13B1	430473017600	013-002S-001W	Producing	OIL	FEE	BLUEBELL ALTAMONT	UT	UINTAH
RICH 2-13B1	430473274400	013-002S-001W	Producing	OIL	FEE	BLUEBELL ALTAMONT	UT	UINTAH
ROBERTSON UTE STATE 1-12B1	430473016400	012-002S-001W	Producing	OIL	FEE	BLUEBELL ALTAMONT	UT	UINTAH
THOMAS 4-10B1	430473408000	010-002S-001W	Producing	OIL	FEE	BLUEBELL ALTAMONT	UT	UINTAH

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SEP 16 2014

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES

	 ~

	DIVISION OF OIL, GAS AND	MINING	5. LEASE DESIGNATION AND SERIAL NUMBER: See Attached Well List
SUNDR	Y NOTICES AND REPOR	RTS ON WELLS	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
Do not use this form for proposals to drill drill horizontal	I new wells, significantly deepen existing wells below laterals. Use APPLICATION FOR PERMIT TO DE	w current bottom-hole depth, reenter plugged wells, or to RILL form for such proposals.	7. UNIT or CA AGREEMENT NAME:
TYPE OF WELL OIL WELL	GAS WELL OTHE	See Attached Well List	8. WELL NAME and NUMBER: See Attached Well List
2. NAME OF OPERATOR:			9. API NUMBER:
LINN OPERATING, INC		PHONE NUMBER:	10. FIELD AND POOL, OR WILDCAT:
1999 Broadway, Suite 3700	TY Denver STATE CO		Bluebell/Altamont
LOCATION OF WELL FOOTAGES AT SURFACE:			COUNTY: Duchsene
QTR/QTR, SECTION, TOWNSHIP, RA	NGE, MERIDIAN:	1 1000 100	STATE: UTAH
CHECK APP	PROPRIATE BOXES TO INDIC	CATE NATURE OF NOTICE, REP	ORT, OR OTHER DATA
TYPE OF SUBMISSION		TYPE OF ACTION	
NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion:	ACIDIZE ALTER CASING CASING REPAIR CHANGE TO PREVIOUS PLANS CHANGE TUBING CHANGE WELL NAME CHANGE WELL STATUS COMMINGLE PRODUCING FORMATIC	DEEPEN FRACTURE TREAT NEW CONSTRUCTION OPERATOR CHANGE PLUG AND ABANDON PLUG BACK PRODUCTION (START/RESUME) ONS RECLAMATION OF WELL SITE RECOMPLETE - DIFFERENT FORMATION	REPERFORATE CURRENT FORMATION SIDETRACK TO REPAIR WELL TEMPORARILY ABANDON TUBING REPAIR VENT OR FLARE WATER DISPOSAL WATER SHUT-OFF OTHER: CHANGE OF OPERATOR
2. DESCRIBE PROPOSED OR C	OMPLETED OPERATIONS. Clearly show	all pertinent details including dates, depths, volu	mes, etc.
The state of the s	and of Operator from Doven	Energy Production Company, LP, to	Linn Operating, Inc. is responsib
Effective 08/29/2014, Chaunder the terms and cond	ditions of the leases for operation	ons conducted on the leased lands	or a portion thereof under their
Effective 08/29/2014, Chaunder the terms and conditional blanket state bond number	ditions of the leases for operation of the LPM9149893 .	ons conducted on the leased lands) that are associated with this Char	
Effective 08/29/2014, Chaunder the terms and conditional blanket state bond number Attached is a list of Application 333 West Sheridan Aven Oklahoma City, OK 7310. John D. Raines	ditions of the leases for operations of the leases for operations for Permit to Drill (APD) n Company, LP ue		
Effective 08/29/2014, Chaunder the terms and conditional blanket state bond number	ditions of the leases for operations of the leases for operations for Permit to Drill (APD) in Company, LP ue 2-5015		

OCT 0 8 2014

(See Instructions on Reverse Side)

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(5/2000)

DIV. OF OIL, GAS & MINING

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES

DIVISION OF OIL, GAS AND MINING	5 LEASE DESIGNATION AND SERIAL NUMBER:						
SUNDRY NOTICES AND REPORTS ON WELLS	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:						
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.	7. UNIT or CA AGREEMENT NAME:						
1. TYPE OF WELL OIL WELL OIL GAS WELL OTHER	8. WELL NAME and NUMBER: MISC.						
2. NAME OF OPERATOR:	9. API NUMBER:						
LINN OPERATING, INC. 3. ADDRESS OF OPERATOR: IPHONE NUMBER:	40 37/2 00/2 00/2 00/2						
1999 Broadway, Ste #3700 GHY Denver STATE CO AR 80202 (303) 999-4016	10. FIELD AND POOL, OR WILDCAT: Bluebell						
4. LOCATION OF WELL FOOTAGES AT SURFACE:	COUNTY: UINTAH						
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: 14 1S 2W	STATE: UTAH						
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPO	RT, OR OTHER DATA						
TYPE OF SUBMISSION TYPE OF ACTION							
NOTICE OF INTENT	REPERFORATE CURRENT FORMATION						
(Submit in Duplicate) ALTER CASING FRACTURE TREAT	SIDETRACK TO REPAIR WELL						
Approximate date work will start: CASING REPAIR NEW CONSTRUCTION	TEMPORARILY ABANDON						
CHANGE TO PREVIOUS PLANS OPERATOR CHANGE	U TUBING REPAIR						
CHANGE TUBING PLUG AND ABANDON SUBSEQUENT REPORT CHANGE WELL NAME PLUG BACK	VENT OR FLARE						
(Submit Original Form Only)	WATER DISPOSAL						
Date of work completion: CHANGE WELL STATUS PRODUCTION (START/RESUME) PRODUCTION (START/RESUME)	WATER SHUT-OFF						
COMMINGLE PRODUCING FORMATIONS RECLAMATION OF WELL SITE CONVERT WELL TYPE RECOMPLETE - DIFFERENT FORMATION	OTHER: Excluded wells from Change of Operator						
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volume							
Do not process Change of Operator from Devon Energy Production Company, LP to LINN Operating, Inc. for the following wells.							
43-013-31192 BOREN 3-11A2 Oil Well Producing BLUEBELL DUCHESNE 1S-2W Sec 11 43-013-51846 MIKE AND SHELLEY #4-14A2 Oil Well Approved permit (APD) BLUEBELL DUCHESNE 1S-2W Sec 14 43-013-31299 CORNABY 2-14A2 Oil Well Producing BLUEBELL DUCHESNE 1S-2W Sec 14 43-013-30035 FLY/DIA L BOREN 1-14A2 Oil Well Shut-In BLUEBELL DUCHESNE 1S-2W Sec 14							
The Devon transaction to Linn Energy allowed EP Energy to exercise their preferential right to purchase the leases and wells in Sections 11 amd 14 of T1S, 2W so EP Energy now owns these wells.							
NAME (PLEASE PRINT) Debbie Chan Reg. Compliance	Supervisor						
SIGNATURE							
This space for State use only)							

RECEIVED SEP 2 3 2014

Sundry Number: 77582 API Well Number: 43047327440000

	STATE OF UTAH		FORM 9			
DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING			5.LEASE DESIGNATION AND SERIAL NUMBER: FEE			
SUNDR	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:					
Do not use this form for pro current bottom-hole depth, I FOR PERMIT TO DRILL form	7.UNIT or CA AGREEMENT NAME:					
1. TYPE OF WELL Oil Well	8. WELL NAME and NUMBER: RICH 2-13B1					
2. NAME OF OPERATOR: LINN OPERATING, INC.	9. API NUMBER: 43047327440000					
3. ADDRESS OF OPERATOR: 600 Travis St. Suite 5100,	9. FIELD and POOL or WILDCAT: BLUEBELL					
600 Travis St. Suite 5100 , Houston, TX, 77002 435 722-1325 Ext 4. LOCATION OF WELL FOOTAGES AT SURFACE: 0738 FNL 1063 FWL			COUNTY: UINTAH			
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NWNW Section: 13 Township: 02.0S Range: 01.0W Meridian: U			STATE: UTAH			
11. CHECI	K APPROPRIATE BOXES TO INDICATE N	IATURE OF NOTICE, REPOR	RT, OR OTHER DATA			
TYPE OF SUBMISSION		TYPE OF ACTION				
✓ NOTICE OF INTENT	ACIDIZE	ALTER CASING	CASING REPAIR			
Approximate date work will start: 1/20/2017	CHANGE TO PREVIOUS PLANS	CHANGE TUBING	CHANGE WELL NAME			
1/20/2017	CHANGE WELL STATUS	COMMINGLE PRODUCING FORMATIONS	CONVERT WELL TYPE			
SUBSEQUENT REPORT Date of Work Completion:	DEEPEN	FRACTURE TREAT	NEW CONSTRUCTION			
	OPERATOR CHANGE	PLUG AND ABANDON	PLUG BACK			
SPUD REPORT	PRODUCTION START OR RESUME	RECLAMATION OF WELL SITE	RECOMPLETE DIFFERENT FORMATION			
Date of Spud:	REPERFORATE CURRENT FORMATION	SIDETRACK TO REPAIR WELL	TEMPORARY ABANDON			
	TUBING REPAIR	VENT OR FLARE	WATER DISPOSAL			
DRILLING REPORT Report Date:	WATER SHUTOFF	SI TA STATUS EXTENSION	APD EXTENSION			
1	☐ WILDCAT WELL DETERMINATION ✓	OTHER	OTHER: Install straddle packer			
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. LINN Operating, Inc. requests permission to install a straddle packer assembly for water shut off. Perforations from 8,472' to 8,572' will be isolated behind the straddle packer assembly. Approved by the Ulariuaryisin, r2017 Oil, Gas and Mining						
			Date:			
			By: Dodk Quit			
NAME (PLEASE PRINT) Andrea Gurr	PHONE NUMBER 435 722-1325	TITLE Regulatory Specialist 1				
SIGNATURE		DATE				
N/A		1/17/2017				

Sundry Number: 77582 API Well Number: 43047327440000

LINN Energy

inergy	RICH 2-13B1 SET STRADDLE ASSEMBLY IN TOP OF LOWER GREEN RIVER					Date: 1/12/2017				
WELL HEADER/GENERAL INFORMATION										
Well Name	API#	KB	S CSG Shoe	Prod CSG Size	Prod TBG Size	PBTD	EST TOC F/CBL			
RICH 2-13B1	43047327440000	16.00'	2,408'	7" 23# P110 with 5" 18# P110 LINER	2-7/8" 6.4# N-80	12,427				

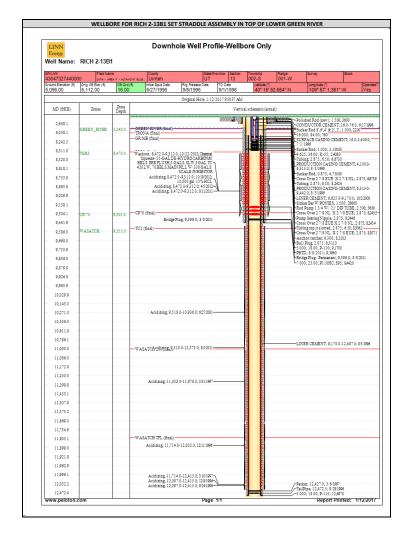
SUMMARY OF PROCEDURE GOALS/JUSTIFICATIONS:

NN Operating, Inc. requests permission to install a straddle packer assembly for water shut off. Perforations from 8,472' to 8,572' will be isolated behind the straddle packer assembly.

GENERAL PROPOSED PROCEDURE:

NOTE: MAKE SURE TO KEEP 1,000' KILL STRING IN HOLE EACH NIGHT WHEN OPERATIONS ARE SHUT DOWI

- 1. MIRU workover rig
- 2. POOH with rods/pump
- 3. NU BOP's test per SOPs
- 4. Unset TAC and POOH with tubing standing back
- 5. MU straddle packer assembly as follows and RIH
 - Packer for 5" 18#- Set @ 8,402'
 - 6 JTS 2-3/8" N80 TBG
 - Packer for 5" 18#- Set @ 8,588'
 - . Perforations from 8,472' to 8,572' will be isolated behind the straddle packer assembly
- 6. RIH with Rods and Pump
- 7. PWOP



RECEIVED: Jan. 17, 2017